UNIVERSITY
OF FLORIDA
LIBRARIES

University Archives
George A. Smathers Libraries
University of Florida

Vol. XLVI, Series 1

THE UNIVERSITY RECORD

of the

UNIVERSITY OF FLORIDA

Contents

No.	Title
1.	Schedule of Courses, Second Semester 1950-51
2.	Bulletin of the University Summer Session, 1951
3.	Current Research and Publications for the Academic Year ending June 30, 1950
4.	Schedule of Courses, Nine Weeks Term, Summer Session 1951
5.	Schedule of Courses, Special Three and Six Week Terms, Summer Session, 1951
6.	Catalog, 1951-52
7.	College of Law, 1951-52
8.	Schedule of Courses, First Semester 1951-52
9.	Orientation Week, Fall 1951
10.	University Telephone Directory
11.	Student Directory, 1951-52
12.	Schedule of courses For Employed Public School Personnel, Second Semester, 1951-52

THE UNIVERSITY RECORD
of the
UNIVERSITY OF FLORIDA

Schedule of Courses

SECOND SEMESTER

1950-51

Vol. XLVI *Series I, No. 1* *January 1, 1951*

Published monthly by the University of Florida, Gainesville, Florida
Entered in the post office in Gainesville, Florida, as second-class matter, under Act of Congress, August 24, 1912
Office of Publication, Gainesville, Florida

SCHEDULE OF COURSES

SECOND SEMESTER 1950-51

MINIMUM SIZE OF CLASSES

No ungraduate class or section will be continued or offered if, at the end of the regular registration period, prior to the day classes begin for a term or semester, the registration does not meet the following minimum requirements.

For Freshmen and Sophomore classes or sections (the comprehensive courses and courses numbered in the 100's and 200's) the minimum is 12 registrations.

For Junior classes or sections (courses numbered in the 300's) the minimum is 8 registrations.

For Senior classes or sections (courses numbered in the 400's) the minimum is 6 registrations.

ABBREVIATIONS

The following abbreviations have been used to designate buildings:

A	BUILDING A (Accounting)
AD	ADMINISTRATION BUILDING
AN	ANDERSON HALL
AU	AUDITORIUM
B	BUILDING B
BA	BENTON ANNEX
BN	BENTON HALL
C	BUILDING C (Art)
CR	CANCER RESEARCH LABORATORY
DL	DAIRY LABORATORY
E	BUILDING E
EI	ENGINEERING AND INDUSTRIES BUILDING
F	BUILDING F
FG	FLORIDA GYMNASIUM
FL	FLOYD HALL
FM	FARM MACHINE LABORATORY
GH	GREENHOUSE
HT	HORTICULTURE BUILDING
I	BUILDING I (Classrooms)
K	BUILDING K (Classrooms)
LE	LEIGH HALL
LI	LIBRARY
LW	LAW BUILDING
MI	MILITARY BUILDING
N	BUILDING N (Engineering Class Rooms and Laboratories)
NE	NEWELL HALL
NL	NUTRITION LABORATORY
PE	PEABODY HALL
PO	POULTRY LABORATORY
R	BUILDING R (Music)
RE	REED LABORATORY
SC	SCIENCE HALL
SE	SEAGLE BUILDING
SL	SANITARY LABORATORY
U	BUILDING U (Architecture and Art)
UA	UNION ANNEX
VL	VEGETABLE PROCESSING LABORATORY
WA	WALKER HALL
WG	WOMEN'S GYM
WO	WOOD PRODUCTS LABORATORY
YN	YONGE BUILDING

C-1

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Student registers for one lecture (2 digit section number) and one discussion 3 digit section number).									
C	11	11		W	9:40	AU			American Institutions
C	11	12		F	10:40	AU			
C	11	101	4	MWF	7:40	PE	209		
C	11	102	4	MWF	8:40	PE	209		
C	11	103	4	MWF	9:40	PE	209		
C	11	104	4	MWF	10:40	PE	209		
C	11	105	4	MWF	11:40	PE	209		
C	11	106	4	MWF	2:40	PE	209		
C	11	107	4	TThS	7:40	PE	209		
C	11	108	4	TThS	8:40	PE	209		
C	12	21		M	10:40	AU			American Institutions
C	12	22		T	9:40	AU			
C	12	23		Th	10:40	AU			
C	12	201	4	MWF	7:40	PE	206		
C	12	202	4	MWF	8:40	PE	206		
C	12	203	4	MWF	9:40	PE	206		
C	12	204	4	MWF	10:40	PE	206		
C	12	205	4	MWF	11:40	PE	206		
C	12	206	4	MWF	12:40	PE	206		
C	12	207	4	MWF	1:40	PE	206		
C	12	208	4	MWF	2:40	PE	206		
C	12	209	4	MWF	3:40	PE	206		
C	12	210	4	MWF	4:40	PE	206		
C	12	211	4	TThS	7:40	PE	206		
C	12	212	4	TThS	8:40	PE	206		
C	12	213	4	TThS	9:40	PE	206		
C	12	214	4	TThS	10:40	PE	206		
C	12	215	4	TThS	11:40	PE	206		
C	12	216	4	MWF	7:40	PE	5		
C	12	217	4	MWF	8:40	PE	5		
						PE	5		

(Continued on Next Page)

C-1—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
C	12	218	4	MWF	9:40	PE	5		
C	12	219	4	MWF	10:40	PE	5		
C	12	220	4	MWF	11:40	PE	5		
C	12	221	4	MWF	12:40	PE	5		
C	12	222	4	MWF	1:40	PE	5		
C	12	223	4	MWF	2:40	PE	5		
C	12	224	4	MWF	3:40	PE	5		
C	12	225	4	MWF	4:40	PE	5		
C	12	226	4	TThS	7:40	PE	5		
C	12	227	4	TThS	8:40	PE	5		
C	12	228	4	TThS	9:40	PE	5		
C	12	229	4	TThS	10:40	PE	5		
C	12	230	4	TThS	11:40	PE	5		
C	12	231	4	MWF	7:40	PE	208		
C	12	232	4	MWF	8:40	PE	208		
C	12	233	4	MWF	9:40	PE	208		
C	12	234	4	MWF	10:40	PE	208		
C	12	235	4	MWF	11:40	PE	208		
C	12	236	4	MWF	12:40	PE	208		
C	12	237	4	MWF	1:40	PE	208		
C	12	238	4	MWF	2:40	PE	208		
C	12	239	4	MWF	3:40	PE	208		
C	12	240	4	MWF	4:40	PE	208		
C	12	241	4	TThS	7:40	PE	208		
C	12	242	4	TThS	8:40	PE	208		
C	12	243	4	TThS	9:40	PE	208		
C	12	244	4	TThS	10:40	PE	208		
C	12	245	4	TThS	11:40	PE	208		
C	12	246	4	MWF	4:40	PE	209		
C	12	247	4	TThS	9:40	PE	209		
C	12	248	4	TThS	10:40	PE	209		
C	12	249	4	TThS	11:40	PE	209		
C	12	250	4	MWF	12:40	PE	209		
C	12	251	4	MWF	1:40	PE	209		
C	12	252	4	MWF	3:40	PE	209		

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Student registers for one lecture (2 digit section number) and one discussion (3 digit section number).									
C	21	11	.....	M	7:40	BN	203		The Physical Sciences
C	21	12	.....	W	7:40	BN	203		
C	21	13	.....	M	11:40	BN	203		
C	21	14	.....	W	11:40	BN	203		
C	21	15	.....	M	3:40	BN	203		
C	21	101	3	MWF	7:40	BN	205		
C	21	102	3	MWF	8:40	BN	205		
C	21	103	3	MWF	9:40	BN	205		
C	21	104	3	MWF	10:40	BN	205		
C	21	105	3	MWF	11:40	BN	205		
C	21	106	3	MWF	12:40	BN	205		
C	21	107	3	MWF	1:40	BN	205		
C	21	108	3	MWF	2:40	BN	205		
C	21	109	3	MWF	3:40	BN	205		
C	21	110	3	MWF	4:40	BN	205		
C	21	111	3	TThS	7:40	BN	205		
C	21	112	3	TThS	8:40	BN	205		
C	21	113	3	TThS	9:40	BN	205		
C	21	114	3	TThS	10:40	BN	205		
C	21	115	3	TThS	11:40	BN	205		
Student registers for one section.									
C	22	201	3	MWF	7:40	K	107		The Physical Sciences
C	22	202	3	MWF	8:40	K	107		
C	22	203	3	MWF	9:40	K	107		
C	22	204	3	MWF	10:40	K	107		
C	22	205	3	MWF	11:40	K	107		
C	22	206	3	MWF	12:40	K	107		
C	22	207	3	MWF	1:40	K	107		
C	22	208	3	MWF	2:40	K	107		
C	22	209	3	MWF	3:40	K	107		
C	22	210	3	TThS	7:40	K	107		
C	22	211	3	TThS	8:40	K	107		
C	22	212	3	TThS	9:40	K	107		

(Continued on Next Page)

C-2—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
C	22	213	3	TThS	10:40	K	107		
C	22	214	3	TThS	11:40	K	107		
C	22	215	3	MWF	7:40	K	109		
C	22	216	3	MWF	8:40	K	109		
C	22	217	3	MWF	9:40	K	109		
C	22	218	3	MWF	10:40	K	109		
C	22	219	3	MWF	11:40	K	109		
C	22	220	3	MWF	12:40	K	109		
C	22	221	3	MWF	1:40	K	109		
C	22	222	3	MWF	2:40	K	109		
C	22	223	3	MWF	3:40	K	109		
C	22	224	3	TThS	7:40	K	109		
C	22	225	3	TThS	8:40	K	109		
C	22	226	3	TThS	9:40	K	109		
C	22	227	3	TThS	10:40	K	109		
C	22	228	3	TThS	11:40	K	109		
C	22	229	3	MWF	8:40	BN	203		
C	22	230	3	MWF	9:40	BN	203		
C	22	231	3	MWF	10:40	BN	203		
C	22	232	3	MWF	12:40	BN	203		
C	22	233	3	MWF	1:40	BN	203		
C	22	234	3	MWF	2:40	BN	203		
C	22	235	3	MWF	4:40	BN	203		

C-3

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students registering for C-31 will register for the lecture section (2 digit section number), one discussion section (3 digit section number beginning with 1), and one writing laboratory section (3 digit section number beginning with 3).									
C	31	11		M	1:40	AU			Reading, Speaking, and Writing
C	31	101	4	MW	2:40	AN	307		
C	31	102	4	TF	7:40	AN	307		

C-3—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
C	31	104	4	TF	11:40	AN	307		
C	31	105	4	TF	2:40	AN	307		
C	31	106	4	MW	2:40	AN	311		
C	31	107	4	TF	7:40	AN	311		
C	31	108	4	TF	9:40	AN	311		
C	31	109	4	TF	11:40	AN	311		
C	31	110	4	TF	2:40	AN	311		
C	31	301		W	7:40-9:30	AN	203		
C	31	302		W	7:40-9:30	AN	209		
C	31	303		W	9:40-11:30	AN	203		
C	31	304		W	9:40-11:30	AN	209		
C	31	305		W	11:40-1:30	AN	203		
C	31	306		W	11:40-1:30	AN	209		
C	31	307		Th	1:40-3:30	AN	203		
C	31	308		Th	1:40-3:30	AN	209		

Students registering for C-32 will register for one lecture section (2 digit section number), one discussion section (3 digit section number beginning with 2), and one writing laboratory section (3 digit section number beginning with 4).

C	32	21		T	10:40	AU			Reading, Speaking, and Writing
C	32	22		T	12:40	AU			
C	32	23		W	10:40	AU			
C	32	201	4	MTh	7:40	AN	20		
C	32	202	4	TF	7:40	AN	20		
C	32	203	4	WS	7:40	AN	20		
C	32	204	4	MTh	8:40	AN	20		
C	32	205	4	TF	8:40	AN	20		
C	32	206	4	WS	8:40	AN	20		
C	32	207	4	MTh	9:40	AN	20		
C	32	208	4	TF	9:40	AN	20		
C	32	209	4	WS	9:40	AN	20		
C	32	210	4	MTh	10:40	AN	20		
C	32	211	4	TF	10:40	AN	20		
C	32	212	4	WS	10:40	AN	20		
C	32	213	4	MTh	11:40	AN	20		

(Continued on Next Page)

C-3—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
C	32	214	4	TF	11:40	AN	20		
C	32	215	4	WS	11:40	AN	20		
C	32	216	4	MW	12:40	AN	20		
C	32	217	4	TF	12:40	AN	20		
C	32	218	4	MW	1:40	AN	20		
C	32	219	4	TF	1:40	AN	20		
C	32	220	4	MW	2:40	AN	20		
C	32	221	4	TF	2:40	AN	20		
C	32	222	4	MW	3:40	AN	20		
C	32	223	4	TF	3:40	AN	20		
C	32	224	4	MW	4:40	AN	20		
C	32	225	4	TF	4:40	AN	20		
C	32	226	4	MTh	7:40	AN	307		
C	32	227	4	WS	7:40	AN	307		
C	32	228	4	MTh	8:40	AN	307		
C	32	229	4	TF	8:40	AN	307		
C	32	230	4	WS	8:40	AN	307		
C	32	231	4	MTh	9:40	AN	307		
C	32	232	4	WS	9:40	AN	307		
C	32	233	4	MTh	10:40	AN	307		
C	32	234	4	TF	10:40	AN	307		
C	32	235	4	WS	10:40	AN	307		
C	32	236	4	MTh	11:40	AN	307		
C	32	237	4	WS	11:40	AN	307		
C	32	238	4	MW	12:40	AN	307		
C	32	239	4	TF	12:40	AN	307		
C	32	240	4	MW	1:40	AN	307		
C	32	241	4	TF	1:40	AN	307		
C	32	242	4	MW	3:40	AN	307		
C	32	243	4	TF	3:40	AN	307		
C	32	244	4	MW	4:40	AN	307		
C	32	245	4	TF	4:40	AN	307		
C	32	246	4	MTh	7:40	AN	311		
C	32	247	4	WS	7:40	AN	311		
C	32	248	4	MTh	8:40	AN	311		

C-3—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
C	32	249	4	TF	8:40	AN	311		
C	32	250	4	WS	8:40	AN	311		
C	32	251	4	MTh	9:40	AN	311		
C	32	252	4	WS	9:40	AN	311		
C	32	253	4	MTh	10:40	AN	311		
C	32	254	4	TF	10:40	AN	311		
C	32	255	4	WS	10:40	AN	311		
C	32	256	4	MTh	11:40	AN	311		
C	32	257	4	WS	11:40	AN	311		
C	32	258	4	MW	12:40	AN	311		
C	32	259	4	TF	12:40	AN	311		
C	32	260	4	MW	1:40	AN	311		
C	32	261	4	TF	1:40	AN	311		
C	32	262	4	MW	3:40	AN	311		
C	32	263	4	TF	3:40	AN	311		
C	32	264	4	MW	4:40	AN	311		
C	32	265	4	TF	4:40	AN	311		
C	32	401		M	7:40-9:30	AN	203		
C	32	402		M	7:40-9:30	AN	209		
C	32	403		M	9:40-11:30	AN	203		
C	32	404		M	9:40-11:30	AN	209		
C	32	405		M	11:40-1:30	AN	203		
C	32	406		M	11:40-1:30	AN	209		
C	32	407		M	1:40-3:30	AN	203		
C	32	408		M	1:40-3:30	AN	209		
C	32	409		M	3:40-5:30	AN	203		
C	32	410		M	3:40-5:30	AN	209		
C	32	411		T	7:40-9:30	AN	203		
C	32	412		T	7:40-9:30	AN	209		
C	32	413		T	9:40-11:30	AN	203		
C	32	414		T	9:40-11:30	AN	209		
C	32	415		T	11:40-1:30	AN	203		
C	32	416		T	11:40-1:30	AN	209		
C	32	417		T	1:40-3:30	AN	203		
C	32	418		T	1:40-3:30	AN	209		

(Continued on Next Page)

C-3—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
C	32	419		T	3:40-5:30	AN	203		
C	32	420		T	3:40-5:30	AN	209		
C	32	421		W	3:40-5:30	AN	203		
C	32	422		W	3:40-5:30	AN	209		
C	32	423		Th	7:40-9:30	AN	203		
C	32	424		Th	7:40-9:30	AN	209		
C	32	425		Th	9:40-11:30	AN	203		
C	32	426		Th	9:40-11:30	AN	209		
C	32	427		Th	11:40-1:30	AN	203		
C	32	428		Th	11:40-1:30	AN	209		
C	32	429		F	7:40-9:30	AN	203		
C	32	430		F	7:40-9:30	AN	209		
C	32	431		F	9:40-11:30	AN	203		
C	32	432		F	9:40-11:30	AN	209		
C	32	433		F	11:40-1:30	AN	203		
C	32	434		F	11:40-1:30	AN	209		
C	32	435		F	1:40-3:30	AN	203		
C	32	436		F	1:40-3:30	AN	209		
C	32	437		F	3:40-5:30	AN	203		
C	32	438		F	3:40-5:30	AN	209		
C	32	439		S	7:40-9:30	AN	203		
C	32	440		S	7:40-9:30	AN	209		
C	32	441		S	9:40-11:30	AN	203		
C	32	442		S	9:40-11:30	AN	209		

C-41

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
C	41	1	3	MWF	7:40	AD	208		Practical Logic
C	41	2	3	MWF	8:40	AD	208		
C	41	3	3	MWF	8:40	AD	207		
C	41	4	3	MWF	9:40	AD	208		

C-41—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
C	41	5	3	MWF	9:40	AD	207		
C	41	6	3	MWF	10:40	AD	208		
C	41	7	3	MWF	10:40	AD	207		
C	41	8	3	MWF	11:40	AD	208		
C	41	9	3	MWF	12:40	AD	208		
C	41	10	3	MWF	1:40	AD	208		
C	41	11	3	MWF	1:40	AD	207		
C	41	12	3	MWF	2:40	AD	208		
C	41	13	3	MWF	3:40	AD	208		
C	41	14	3	TThS	7:40	AD	208		
C	41	15	3	TThS	8:40	AD	208		
C	41	16	3	TThS	9:40	AD	208		
C	41	17	3	TThS	10:40	AD	208		
C	41	18	3	MWF	7:40	AD	207		
C	41	19	3	MWF	11:40	AD	207		
C	41	20	3	TThS	9:40	AD	207		

C-42

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
C	42	1	3	MWF	7:40	PE	2		Fundamental Mathematics
C	42	2	3	MWF	7:40	PE	7		
C	42	3	3	TThS	7:40	PE	2		
C	42	4	3	TThS	7:40	PE	7		
C	42	5	3	MWF	8:40	PE	2		
C	42	6	3	MWF	8:40	PE	7		
C	42	7	3	TThS	8:40	PE	2		
C	42	8	3	TThS	8:40	PE	7		
C	42	9	3	MWF	9:40	PE	2		
C	42	10	3	MWF	9:40	PE	7		
C	42	11	3	TThS	9:40	PE	2		
C	42	12	3	TThS	9:40	PE	7		

(Continued on Next Page)

C-42—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
C	42	13	3	MWF	10:40	PE	2		
C	42	14	3	MWF	10:40	PE	7		
C	42	15	3	TThS	10:40	PE	2		
C	42	16	3	TThS	10:40	PE	7		
C	42	17	3	MWF	11:40	PE	2		
C	42	18	3	MWF	11:40	PE	7		
C	42	19	3	TThS	11:40	PE	2		
C	42	20	3	TThS	11:40	PE	7		
C	42	21	3	MWF	12:40	PE	2		
C	42	22	3	MWF	12:40	PE	7		
C	42	23	3	MWF	1:40	PE	2		
C	42	24	3	MWF	1:40	PE	7		
C	42	25	3	MWF	1:40	PE	10		
C	42	26	3	MWF	2:40	PE	2		
C	42	27	3	MWF	2:40	PE	7		
C	42	28	3	MWF	3:40	PE	7		
C	42	29	3	MWF	4:40	PE	7		
C	42	30	3	F	7:00-9:30 PM	PE	2		

C-5

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students register for one lecture section (2 digit section number) and one discussion (3 digit section number).									
C	51	11	..	T	1:40	R	122		The Humanities
C	51	12	..	W	9:40	R	122		
C	51	101	4	MWF	7:40	AN	13		
C	51	102	4	MWF	8:40	AN	13		
C	51	103	4	MWF	9:40	AN	13		
C	51	104	4	MWF	10:40	AN	13		
C	51	105	4	MWF	11:40	AN	13		
C	41	106	4	MWF	12:40	AN	13		
C	51	107	4	MWF	1:40	AN	13		

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
C	51	108	4	MWF	2:40	AN	13		
C	51	109	4	MWF	3:40	AN	13		
C	51	110	4	MWF	4:40	AN	13		
C	51	111	4	TThS	7:40	AN	13		
C	51	112	4	TThS	8:40	AN	13		
C	51	113	4	TThS	9:40	AN	13		
C	51	114	4	TThS	10:40	AN	13		
C	51	115	4	TThS	11:40	AN	13		

Students register for one lecture section (2 digit section number) and one discussion (3 digit section number).

C	52	21	..	M	11:40	R	122		The Humanities
C	52	22	..	T	8:40	R	122		
C	52	23	..	W	11:40	R	122		
C	52	24	..	Th	8:40	R	122		
C	52	25	..	Th	1:40	R	122		
C	52	201	4	MWF	7:40	AN	112		
C	52	202	4	MWF	8:40	AN	112		
C	52	203	4	MWF	9:40	AN	112		
C	52	204	4	MWF	10:40	AN	112		
C	52	205	4	MWF	11:40	AN	112		
C	52	206	4	MWF	12:40	AN	112		
C	52	207	4	MWF	1:40	AN	112		
C	52	208	4	MWF	2:40	AN	112		
C	52	209	4	MWF	3:40	AN	112		
C	52	210	4	MWF	4:40	AN	112		
C	52	211	4	TThS	7:40	AN	112		
C	52	212	4	TThS	8:40	AN	112		
C	52	213	4	TThS	9:40	AN	112		
C	52	214	4	TThS	10:40	AN	112		
C	52	215	4	TThS	11:40	AN	112		
C	52	216	4	MWF	7:40	AN	113		
C	52	217	4	MWF	8:40	AN	113		
C	52	218	4	MWF	9:40	AN	113		
C	52	219	4	MWF	10:40	AN	113		
C	52	220	4	MWF	11:40	AN	113		
C	52	221	4	MWF	12:40	AN	113		

(Continued on Next Page)

C-5—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
C	52	222	4	MWF	1:40	AN	113		
C	52	223	4	MWF	2:40	AN	113		
C	52	224	4	MWF	3:40	AN	113		
C	52	225	4	MWF	4:40	AN	113		
C	52	226	4	TThS	8:40	AN	113		
C	52	227	4	TThS	9:40	AN	113		
C	52	228	4	TThS	10:40	AN	113		
C	52	229	4	TThS	11:40	AN	113		
C	52	230	4	MWF	7:40	AN	115		
C	52	231	4	MWF	8:40	AN	115		
C	52	232	4	MWF	9:40	AN	115		
C	52	233	4	MWF	10:40	AN	115		
C	52	234	4	MWF	11:40	AN	115		
C	52	235	4	MWF	12:40	AN	115		
C	52	236	4	MWF	1:40	AN	115		
C	52	237	4	MWF	2:40	AN	115		
C	52	238	4	MWF	3:40	AN	115		
C	52	239	4	TThS	7:40	AN	115		
C	52	240	4	TThS	8:40	AN	115		
C	52	241	4	TThS	9:40	AN	115		
C	52	242	4	TThS	10:40	AN	115		

C-6

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
C	61	101	3	MWF	7:40	I	109		Biological Science
C	61	102	3	MWF	8:40	I	109		
C	61	103	3	MWF	9:40	I	109		
C	61	104	3	MWF	10:40	I	109		
C	61	105	3	MWF	11:40	I	109		
C	61	106	3	MWF	12:40	I	109		
C	61	107	3	MWF	1:40	I	109		
C	61	108	3	MWF	2:40	I	109		

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
C	61	109	3	MWF	3:40	I	109		
C	61	110	3	MWF	4:40	I	109		
C	61	111	3	TThS	7:40	I	109		
C	61	112	3	TThS	8:40	I	109		
C	61	113	3	TThS	9:40	I	109		
C	61	114	3	TThS	10:40	I	109		
C	61	115	3	TThS	11:40	I	109		
C	62	201	3	MWF	7:40	I	101		Biological Science
C	62	202	3	MWF	8:40	I	101		
C	62	203	3	MWF	9:40	I	101		
C	62	204	3	MWF	10:40	I	101		
C	62	205	3	MWF	11:40	I	101		
C	62	206	3	MWF	12:40	I	101		
C	62	207	3	MWF	1:40	I	101		
C	62	208	3	MWF	2:40	I	101		
C	62	209	3	MWF	3:40	I	101		
C	62	210	3	MWF	4:40	I	101		
C	62	211	3	TThS	7:40	I	101		
C	62	212	3	TThS	8:40	I	101		
C	62	213	3	TThS	9:40	I	101		
C	62	214	3	TThS	10:40	I	101		
C	62	215	3	TThS	11:40	I	101		
C	62	216	3	MWF	7:40	I	107		
C	62	217	3	MWF	8:40	I	107		
C	62	218	3	MWF	9:40	I	107		
C	62	219	3	MWF	10:40	I	107		
C	62	220	3	MWF	11:40	I	107		
C	62	221	3	MWF	12:40	I	107		
C	62	222	3	MWF	1:40	I	107		
C	62	223	3	MWF	2:40	I	107		
C	62	224	3	MWF	3:40	I	107		
C	62	225	3	MWF	4:40	I	107		
C	62	226	3	TThS	7:40	I	107		
C	62	227	3	TThS	8:40	I	107		
C	62	228	3	TThS	9:40	I	107		
C	62	229	3	TThS	10:40	I	107		
C	62	230	3	TThS	11:40	I	107		

DEPARTMENTAL COURSES

ACCOUNTING

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
ATG	211	1	3	MWF	7:40	A	1	Scott	Elementary Accounting
ATG	211	2	3	MWF	7:40	A	2	Tornwall	
ATG	211	3	3	TThS	7:40	A	1	Fortin	
ATG	211	4	3	MWF	8:40	A	1	Peterson	
ATG	211	5	3	TThS	10:40	A	1	DaVault	
ATG	211	6	3	MWF	11:40	A	1	DaVault	
ATG	211	7	3	TThS	11:40	A	1	Moore	
ATG	211	8	3	MWF	12:40	A	1	Anderson	
ATG	211	9	3	MWF	1:40	A	1	Summerhill	
ATG	211	10	3	MWF	1:40	A	2	Codding	
ATG	211	11	3	MWF	2:40	A	1	Summerhill	
ATG	211	12	3	MWF	2:40	A	2	Ray	
ATG	212	1	3	MWF	7:40	A	3	Codding	Elementary Accounting
ATG	212	2	3	MWF	7:40	A	4	Ray	
ATG	212	3	3	TThS	7:40	A	2	Scott	
ATG	212	4	3	TThS	7:40	A	3	Tornwall	
ATG	212	5	3	TThS	8:40	A	1	Codding	
ATG	212	6	3	MWF	9:40	A	1	Ray	
ATG	212	7	3	TThS	9:40	A	1	Moore	
ATG	212	8	3	TThS	10:40	A	2	Scott	
ATG	212	9	3	MWF	11:40	A	2	Peterson	
ATG	212	10	3	TThS	11:40	A	2	Matthies	
ATG	212	11	3	TThS	11:40	A	3	Anderson	
ATG	212	12	3	MWF	12:40	A	2	Moore	
ATG	212	13	3	MWF	12:40	A	3	Moshier	
ATG	212	14	3	MWF	1:40	A	3	Moshier	
ATG	212	15	3	MWF	1:40	A	4	Tornwall	
ATG	212	16	3	MWF	2:40	A	3	Parker	
ATG	212	17	3	MWF	2:40	A	4	Tornwall	
ATG	310	1	3	TThS	9:40	A	2	Scott	Accounting Mathematics
ATG	310	2	3	MWF	10:40	A	1	Moore	
ATG	311	1	3	MWF	8:40	A	2	Moshier	Accounting Principles
ATG	311	2	3	TThS	8:40	A	2	Ray	
ATG	312	1	3	TThS	9:40	A	3	Parker	Accounting Principles

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
ATG	312	2	3	MWF	11:40	A	3	Deinzer	
ATG	313	1	3	MWF	9:40	A	3	Codding	Cost Accounting
ATG	313	2	3	MWF	12:40	A	4	DaVault	
ATG	317		3	MWF	8:40	A	3	Deinzer	Governmental Accounting
ATG	411		3	TThS	8:40	A	3	Moshier	Advanced Accounting
ATG	412	1	3	MWF	9:40	A	2	Matthies	Principles of Auditing
ATG	412	2	3	MWF	11:40	A	4	Matthies	
ATG	414	1	3	MWF	10:40	A	2	Parker	Income Tax Procedure
ATG	414	2	3	TThS	10:40	A	4	Parker	
ATG	415		3	MWF	10:40	A	3	Lanham	Corporate Accounting Problems
ATG	416		3	MWF	9:40	A	4	DaVault	Internal Auditing
ATG	418		3	TThS	10:40	A	3	Matthies	Advanced Accounting, C.P.A. Problems
ATG	419		3	TThS	8:40	A	4	Summerhill	Controllership Accounting
ATG	514		3	MWF	10:40	A	4	Deinzer	Federal Income Tax Accounting
ATG	517		3	TThS	9:40	LI	417	Deinzer	Governmental and Municipal Accounting
ATG	519		3	MWF	8:40	A	4	Lanham	C.P.A. Problems

AERONAUTICAL ENGINEERING

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
AN	301		3	To Arrange					Aviation
AN	382		3	MWF	10:40	N	211	Thompson, R. A.	Aerodynamics
AN	384	1	1	T	8:40-12:30	N	210	Polovkas, V. G.	Aeronautical Laboratory
AN	384	2	1	Th	8:40-12:30	N	210	Polovkas, V. G.	
AN	385		3	MWF	11:40	N	211		Aircraft Materials
Students taking AN 486 will register for the lecture (Section 1) and one laboratory (Section 11 or 12)									
AN	486	1	3	MW	9:40	N	211	Thompson, R. A.	Airplane Design

(Continued on Next Page)

AERONAUTICAL ENGINEERING—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
AN	486	11		T	8:40-11:30	N	211	Polovkas, V. G.	
AN	486	12		Th	8:40-11:30	N	211	Polovkas, V. G.	
AN	488		3	MWF	8:40	N	211	Polovkas, V. G.	Aircraft Structures
AN	492		1	F	9:40	N	211	Thompson, R. A.	Aeronautical Seminar
AN	493		2	MF	1:40-5:30	N	211		Aeronautical Laboratory
AN	581		3	To Arrange					Advanced Aeronautical Design
AN	582		3	To Arrange					Advanced Aeronautical Design
AN	583		3	To Arrange					Aeronautical Research
AN	584		3	To Arrange					Aeronautical Research

AGRICULTURAL CHEMISTRY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking ACY 126, will register for the lecture (section 1) and one discussion (sections 11, 12, 13, 14, 15, 16 or 17).									
ACY	126	1	4	MW	8:40	LE	207	Thomas, G. A.	Agricultural Chemistry
				W	1:40-3:30	LE	207	Thomas, G. A.	
ACY	126	11		T	1:40	LE	432		
ACY	126	12		T	2:40	LE	432		
ACY	126	13		T	3:40	LE	432		
ACY	126	14		Th	12:40	LE	142		
ACY	126	15		Th	1:40	LE	142		
ACY	126	16		F	8:40	LE	142		
ACY	126	17		F	9:40	LE	432		
Students taking ACY 204, will register for the lecture (section 1) and one laboratory (section 101 or 102).									
ACY	204	1	3	W	1:40	LE	212	Brown, Eugene	Analytical Chemistry (Qualitative)
ACY	204	101		MW	2:40-5:30	FL	101		
ACY	204	102		TF	1:40-4:30	FL	101		

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
ACY	432		*	To arrange		FL	101		Agricultural Analysis
ACY	542		3	MWF	8:40	LE	154	Stearns, T. W.	Biochemistry
ACY	544		1	T	8:40-11:30	FL	101	Stearns, T. W.	Biochemistry Laboratory
ACY	570		*	To arrange				Stearns, T. W.	Research in Agricultural Chemistry

*Variable. Credit assigned must be shown on registration blank.

AGRICULTURAL ECONOMICS

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
AS	201		3	MWF	8:40	FL	108	Husmann, W. E.	Agricultural Economics
AS	304		3	MWF	11:40	FL	102	Brooker, M. A.	Farm Finance and Appraisal
AS	306		3	MWF	9:40	FL	108	Brooker, M. A.	Farm Management
AS	308		3	TTh	8:40	HT	410	French, A. L.	Marketing
				W	1:40-3:30	DL	203	French, A. L.	
AS	405		3	MWF	8:40	OD		French, A. L.	Agricultural Prices
AS	408	1	3	MWF	10:40	HT	410	Godwin, M. R.	Marketing Fruits and
AS	408	2	3	MWF	11:40	DL	203	Godwin, M. R.	Vegetables
AS	409		3	TTh	10:40	HT	409	Godwin, M. R.	Cooperative Marketing
				W	3:40-5:30	DL	203	Godwin, M. R.	
AS	410		3	MW	9:40	OD		French, A. L.	Agricultural Statistics
				Th	1:40-3:30	OD		French, A. L.	
AS	411		4	TThS	8:40	LI	413	Callander, W. F.	Advanced Agricultural
				T	1:40-3:30	LI	413		Statistics
AS	412		3	TThS	10:40	FL	104	Husmann, W. E.	Land Economics
AS	413		3	MWF	10:40	FL	108	Husmann, W. E.	Agricultural Policy
AS	414		1	To arrange		FL	108	Hamilton, H. G.	Terminal Markets and Commodity Exchanges
AS	420		2	TTh	9:40	FL	302	Brooker, M. A.	Marketing Livestock
AS	502		2	M	1:40-3:30	HT	410	Brooker, M. A.	Seminar

(Continued on Next Page)

AGRICULTURAL ECONOMICS—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
AS	506		*	To arrange				Husmann, W. E.	Farm Management Problems
AS	508		3	To arrange				Brooker, M. A.	Land Economics Problems
AS	512		*	To arrange				Hamilton, H. G.	Marketing Problems
AS	514		3	MWF	7:40	FL	102	Hamilton, H. G.	Advanced Marketing of Agricultural Products

*Variable. Credit assigned must be shown on registration blank.

AGRICULTURAL ENGINEERING

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking AG-301 will register for one lecture (Section 1 or 2) and one laboratory (Section 11, 12, 13 or 14)									
AG	301	1	3	TTh	9:40	FL	210	Choate, R. E.	Drainage and Irrigation
AG	301	2	3	WF	9:40	FL	210	Choate, R. E.	
AG	301	11		T	1:40-3:30	FM		Choate, R. E.	
AG	301	12		T	3:40-5:30	FM		Choate, R. E.	
AG	301	13		W	1:40-3:30	FM		Choate, R. E.	
AG	301	14		W	3:40-5:30	FM		Choate, R. E.	
Students taking AG-302 will register for one lecture (Section 1 or 2) and one laboratory (Section 11, 12, 13 or 14).									
AG	302	1	3	MW	7:40	FL	210	Choate, R. E.	Farm Motors
AG	302	2	3	MW	10:40	FL	210	Choate, R. E.	
AG	302	11		M	1:40-3:30	FM		Choate, R. E.	
AG	302	12		M	3:40-5:30	FM		Choate, R. E.	
AG	302	13		F	10:40-12:30	FM		Choate, R. E.	
AG	302	14		F	1:40-3:30	FM		Choate, R. E.	
Students taking AG-303 will register for one lecture (Section 1 or 2) and one laboratory (Section 11, 12, 13 or 14)									
AG	303	1	3	TTh	8:40	FL	210		Farm Shop
AG	303	2	3	TTh	11:40	FL	210		
AG	303	11		T	1:40-3:30	FM			

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
AG	303	12		T	3:40-5:30	FM			
AG	303	13		F	1:40-3:30	FM			
AG	303	14		F	3:40-5:30	FM			
Students taking AG-306 will register for one lecture (Section 1 or 2) and one laboratory (Section 11, 12, 13 or 14).									
AG	306	1	3	MW	8:40	FL	210	Skinner, T. C.	Farm Machinery
AG	306	2	3	TTh	12:40	FL	210	Skinner, T. C.	
AG	306	11		T	1:40-3:30	FM		Skinner, T. C.	
AG	306	12		T	3:40-5:30	FM		Skinner, T. C.	
AG	306	13		F	10:40-12:30	FM		Skinner, T. C.	
AG	306	14		F	1:40-3:30	FM		Skinner, T. C.	
Students taking AG-401 will register for the lecture (Section 1) and one laboratory (Section 11 or 12)									
AG	401	1	3	TTh	10:40	FL	210	Skinner, T. C.	Farm Structures
AG	401	11		M	1:40-3:30	OH		Skinner, T. C.	
AG	401	12		M	3:40-5:30	OH		Skinner, T. C.	
AG	404		2	To arrange				Rogers, F.	Agricultural Investigations
AG	406		3	TTh	8:40	FL	102	Rogers, F.	Dairy Engineering
				T	3:40	FL	102	Rogers, F.	
Students taking AG-407 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
AG	407	1	3	M	9:40	FL	210		Farm Shop Power Equipment
AG	407	11		MW	1:40-3:30	FM			
AG	407	12		MW	3:40-5:30	FM			
AG	408		3	MW	11:40	FL	210	Rogers, F. and	Soil and Water
				M	1:40-3:30	FM		W. W. McCall	Conservation
AG	501		2	To arrange				Staff	Seminar
AG	570		*	To arrange				Rogers, F.	Research

*Variable. Credit assigned must be shown on registration blank.

AGRICULTURAL EXTENSION

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
AXT	521		*	To arrange				Hampson, C. M.	Special Problems in Agricultural Extension Methods

*Variable. Credit assigned must be shown on the registration blank.

AGRONOMY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
AY	324	1	3	MW	8:40	FL	302	McCloud, D. E. and	
				M	3:40-5:30	FL	302	Wofford, I. M.	Forage and Cover Crops
AY	324	2	3	MW	10:40	FL	302	McCloud, D. E. and	
				W	3:40-5:30	FL	302	Wofford, I. M.	
AY	324	3	3	TTh	8:40	FL	302	McCloud, D. E. and	
				T	1:40-3:30	FL	302	Wofford, I. M.	
AY	324	4	3	TTh	10:40	FL	302	McCloud, D. E. and	
				Th	1:40-3:30	FL	302	Wofford, I. M.	

Students taking AY 422 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).

AY	422	1	3	MW	9:40	FL	302	Senn, P. H.	Plant Breeding
AY	422	11		M	1:40-3:30	FL	302	Senn, P. H.	
AY	422	12		W	1:40-3:30	FL	302	Senn, P. H.	
AY	426		*	To arrange		FL	302	Staff	Individual Problems in Agronomy

Students taking AY 436 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).

AY	436	1	2	F	9:40	FL	104	McCloud, D. E.	Pastures
AY	436	11		M	1:40-3:30	CL		McCloud, D. E.	
AY	436	12		W	1:40-3:30	CL		McCloud, D. E.	
AY	526		*	To arrange		FL	302	Staff	Special Agronomic Problems
AY	551		3	To arrange		FL	302	Hanson, W. D.	Design of Experiments
AY	562		3	To arrange		FL	302	Hanson, W. D.	Advanced Genetics
AY	570		*	To arrange		FL	302	Staff	Research in Agronomy
AY	592		1	F	3:40	FL	302	Staff	Graduate Agronomy Seminar

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
AL	309	1	3	MWF	10:40	FL	104	Pace, J. E.	General Animal Husbandry
AL	309	2	3	TThS	9:40	FL	104	Pace J. E.	
AL	312		4	MWF	11:40	FL	104	Becker, R. B.	Feeds and Feeding
				M	1:40-3:30	FL	104	Driggers, J. C.	
AL	314		3	MWF	3:40-5:30	FL	108	Pace, J. E.	Livestock Judging
								Pearson, A. M.	
AL	322		3	TThS	8:40	FL	104	Folks, S. J.	Animal Breeding
AL	411		2	MW	9:40	FL	104	Glasscock, R. S.	Beef Production
AL	415		3	F	8:40	FL	104	Pearson, A. M.	Meat Products
				T	1:40-5:30	FL	208	Pearson, A. M.	
AL	426		2	MW	8:40	FL	104	Cunha, T. J.	Livestock Feeding
AL	501		3	To arrange				Glasscock, R. S.	Advanced Animal Production
								Pearson, A. M.	
AL	509		*	To arrange				Davis, G. K.	Problems in Animal Nutrition
								Wallace, H. D.	
AL	551		*	To arrange				Davis, G. K.	Advanced Animal Nutrition
AL	560		1	To arrange				Davis, G. K.	Special Topics in Animal Nutrition
AL	570		*	To arrange				Cunha, T. J.	Research in Animal Husbandry
								Glasscock, R. S.	
								Pearson, A. M.	

*Variable. Credit assigned must be shown on registration blank.

ANTHROPOLOGY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
APY	337		3	MWF	11:40	PE	309	Goggin, J. M.	General Anthropology
APY	402		3	MWF	12:40	PE	309	Goggin, J. M.	North American Archeology
APY	430		3	To arrange				Goggin, J. M.	Individual Work

ARCHITECTURE

Students registering for AE-101 will register for the lecture (Section 1) and one discussion (2 digit section number)

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
AE	101	1	..	M	9:40	AU			The Arts of Design
AE	101	11	3	WF	8:40	U	103		
AE	101	12	3	WF	9:40	U	103		
AE	102	1	3	MWF	10:40-1:30	U	109		Vision and Graphics
AE	102	2	3	MW	1:40-6:00	U	109		
AE	102	3	3	TF	1:40-6:00	U	109		
AE	203	1	3	MWF	7:40-10:30	U	108		Basic Design
AE	203	2	3	MWF	1:40-4:30	U	108		
AE	203	3	3	MWF	7:40-10:30	U	109		
AE	204	1	3	MWF	7:40-10:30	U	107		Organic Planning
AE	204	2	3	MWF	10:40-1:30	U	107		
AE	204	3	3	MWF	1:40-4:30	U	107		
AE	204	4	3	MWF	10:40-1:30	U	108		
AE	205		4	TTh	7:40-10:30	U	109		Building Technology
AE	206	1	4	TTh	7:40-10:30	U	107		Building Technology
AE	206	2	4	TTh	10:40-1:30	U	107		
AE	206	3	4	TTh	10:40-1:30	U	108		
AE	206	4	4	TTh	7:40-10:30	U	108		
AE	301		3	(		(			Projects in Architecture Group 1
AE	302		3	(MTWThF	8:40-11:30	(E	189		
AE	303		3	(MTWF	12:40-3:30	(			
AE	304		3	(6 hours to arrange		(			
AE	305		3	(		(			
AE	306		3	(					
AE	307		3	(MTWThF	8:40-11:30	(E	174		Projects in Architecture Group 2
AE	308		3	(MTWF	12:40-3:30	(E	179		
AE	309		3	(6 hours to arrange		(			
AE	310		3	(		(			
AE	401		3	(		(			Projects in Architecture Group 3
AE	402		3	(MTWThF	8:40-11:30	(			
AE	403		3	(MTWF	12:40-3:30	(E	116		
AE	404		3	(6 hours to arrange		(			
AE	405		3	(		(			

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
AE	406		3	(		(			Projects in Architecture Group 4
AE	407		3	(MTWThF	8:40-11:30	(			
AE	408		3	(MTWF	12:40-3:30	(E	126		
AE	409		3	(6 hours to arrange		(			
AE	410		3	(		(			
AE	441		3	(		(			Projects in Architecture Group 5
AE	442		3	(MTWThF·	8:40-11:30	(			
AE	443		3	(MTWF	12:40-3:30	(E	157		
AE	444		3	(6 hours to arrange		(			
AE	445		3	(		(			
AE	446		3	(		(			
AE	447		3	(		(			
AE	448		3	(To arrange		(E	164		Thesis in Architecture
AE	449		3	(		(			
AE	450		3	(		(			
AE	456		3	(		(			
AE	457		3	(		(			
AE	458		3	(To arrange		(E	164		Thesis in Planning
AE	459		3	(		(			
AE	460		3	(		(			
AE	501		*	(		(			
AE	502		*	(To arrange		(E	161		Architectural Design
AE	503		*	(		(			
AE	504		*	(To arrange		(E	161		Architectural Research
AE	505		*	(		(			
AE	506		*	(To arrange		(E	161		Community Planning
AE	551		*	(		(			
AE	552		*	(To arrange		(E	161		Building Construction
AE	553		*	(		(			
AE	554		*	(To arrange		(E	161		Structural Design of Buildings

*Variable. Credit assigned must be shown on registration blank.

ART

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
ART	105	.....	3	TThS	8:40-10:30	C	100		Art Laboratory

Students registering for ART-121 will register for the lecture (Section 1) and the discussion section (Section 11).

ART	121	1	3	M	9:40	AU			The Visual Arts
ART	121	11	..	WF	9:40	C	103		
ART	122	.....	3	MWF	10:40-12:30	C	103		Materials and Spatial Design
ART	223	1	3	MWF	10:40-12:30	C	100		Color and Design
ART	223	2	3	TThS	10:40-12:30	C	100		
ART	224	.....	3	MWF	1:40-3:30	C	101		Drawing and Visual Perception
ART	225	.....	3	TThS	8:40-10:30	C	103		Scientific Contributions to Art
ART	226	.....	3	MWF	1:40-3:30	C	100		Pictorial Composition
ART	301	.....	3	MWF	8:40-10:30	C	100		Design I
ART	331	.....	3	MWF	10:40-12:30	WA	300A		Clothing Design
ART	341	.....	3	MW	2:40-5:30	LE	229		Elementary Photography
ART	391	.....	3	MW	3:40	E	176		Ancient Art
				F	3:40-5:30	C	100		
ART	396	.....	2	MT	4:40	E	176		Latin American Art
ART	404	.....	3	MWF	8:40-10:30	C	101		Design IV
ART	493	.....	3	TF	3:40	E	176		Art of the Renaissance
				W	3:40-5:30	C	100		
ART	503	.....	*	To arrange		C	105		Art Problems
ART	504	.....	*	To arrange		C	105		Art Problems
ART	505	.....	*	To arrange		C	105		Art Research
ART	506	.....	*	To arrange		C	105		Art Research
ART	509	.....	*	To arrange					Art of the Twentieth Century tion

*Variable. Credit assigned must be shown on registration blank.

ASTRONOMY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking BCY-301 will register for the lecture (Section 1) and one laboratory (Section 11-15).									
BCY	301	1	4	TTh	9:40	PE	205	Carroll, W. R.	General Bacteriology
BCY	301	11		TTh	1:40-3:30	BN	107	Carroll, W. R.	
BCY	301	12		TTh	3:40-5:30	BN	107	Carroll, W. R.	
BCY	301	13		WF	1:40-3:30	BN	107	Carroll, W. R.	
BCY	301	14		WF	3:40-5:30	BN	107	Carroll, W. R.	
BCY	301	15		TTh	10:40-12:30	BN	107	Carroll, W. R.	
Students taking BCY-304 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
BCY	304	1	4	TTh	9:40	BN	208	Novak, A. F.	Pathogenic Bacteriology
BCY	304	11		MW	3:40-5:30	BN	108	Novak, A. F.	
BCY	304	12		TTh	10:40-12:30	BN	108	Novak, A. F.	
BCY	401		4	MW	8:40	BN	107	Carroll, W. R.	Advanced Bacteriological Technique
				MW	9:40-11:30	BN	107	Carroll, W. R.	
BCY	402		4	TTh	8:40	BN	208	Emerson, R. L.	Dairy Bacteriology
				TTh	1:40-3:30	BN	108	Emerson, R. L.	
BCY	412		4	MW	12:40	BN	208	Emerson, R. L.	Industrial Bacteriology
				MW	1:40-3:30	BN	108	Emerson, R. L.	
BCY	500		*	To arrange				Carroll, W. R. Emerson, R. L. Novak, A. F.	Advanced Bacteriology
BCY	555		1	M	3:40	BN	208	Novak, A. F.	Seminar
BCY	570		*	To arrange				Carroll, W. R. Emerson, R. L. Novak, A. F.	Advanced Research in Bacteriology
BCY	600		*	To arrange				Hardy, A. V. et al.	Infectious Diseases
BCY	610		*	To arrange				Hardy, A. V. et al.	Immunology, Advanced
BCY	620		*	To arrange				Hardy, A. V. et al.	Laboratory Administration
BCY	690		*	To arrange				Hardy, A. V. et al.	Research

Courses 600 and above are offered in cooperation with State Board of Health Laboratory, Jacksonville. Not open to students on campus.

*Variable. Credit assigned must be shown on registration blank.

BIOLOGY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
BLY	161	11	2	MW	1:40-3:30	J	101	Wallace, H. K.	Biology Laboratory
BLY	161	12	2	MW	3:40-5:30	J	101		
BLY	161	13	2	TTh	8:40-10:30	J	101		
BLY	161	14	2	TTh	10:40-12:30	J	101		
BLY	161	15	2	MW	10:40-12:30	J	101		
BLY	162	11	2	MW	8:40-10:30	J	202	Brodkorb, P.	Biology Laboratory
BLY	162	12	2	MW	10:40-12:30	J	202		
BLY	162	13	2	MW	1:40-3:30	J	202		
BLY	162	14	2	MW	3:40-5:30	J	202		
BLY	162	15	2	TTh	8:40-10:30	J	202		
BLY	162	16	2	TTh	10:40-12:30	J	202		
BLY	162	17	2	TTh	1:40-3:30	J	202		
BLY	162	18	2	TTh	3:40-5:30	J	202		

Students taking BLY-209 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).

BLY	209	1	4	TTh	9:40	LE	142	Grobman, A. B.	Comparative Vertebrate Anatomy
BLY	209	11		TThS	10:40-12:30	J	201		
BLY	209	12		TTh	1:40-4:30	J	201		

Students taking BLY-210 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).

BLY	210	1	4	MW	10:40	LE	142	Sherman, H. B.	Vertebrate Embryology
BLY	210	11		TTh	8:40-11:30				
BLY	210	12		TTh	1:40-4:30				
BLY	310		4	MW	8:40	LE	118	Sherman, H. B.	Mammalian Anatomy and Physiology
				MW	1:40-4:30	J	201		
BLY	320		3	M	10:40	M		Brodkorb, P.	Ornithology
BLY				F	1:40-4:30	M			
BLY	332		4	TTh	8:40	LE	142	Jones, E. R.	Advanced Invertebrate Zoology
				MW	1:40-4:30				
BLY	351		3	M	1:40			Wallace H. K.	Biological Laboratory Techniques
				MW	2:40-5:30				

(Continued on Next Page)

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
BLY	411		*	To Arrange					Individual Problems in Animal Biology
BLY	412		*	To Arrange					Individual Problems in Animal Biology
BLY	416		4	MWF	9:40	LE	142	Byers, C. F.	Animal Parasitology
				F	1:40-4:30	J	202		
BLY	426		4	TTh	9:40	LE	339	Carr, A. F., Jr.	Field Biology
				T	1:40-4:30	J	101		
				S	8:40-11:30	J	101		
BLY	502		2	TTh	10:40	LE	154	Grobman, A. B.	Statistical Methods for Biologists
BLY	506		2	MW	4:40	LE	154	Berner, L.	Biological Literature and Institutions
BLY	520		*	To Arrange					Individual Problems in Animal Biology
BLY	542		*	To Arrange					Problems in Game Management
BLY	543		*	To Arrange					Research in Ecology
BLY	544		*	To Arrange					Research in Fresh Water Biology
BLY	545		*	To Arrange					Research in Marine Biology
BLY	546		*	To Arrange					Research in Zoogeography
BLY	547		*	To Arrange					Research in Game Management
BLY	548		*	To Arrange					Research in Acoelomate Invertebrates
BLY	549		*	To Arrange					Research in Coelomate Invertebrates
BLY	550		*	To Arrange					Research in Parasitology
BLY	551		*	To Arrange					Research in Arachnology
BLY	552		*	To Arrange					Research in Insect Biology
BLY	553		*	To Arrange					Research in Ichthyology
BLY	554		*	To Arrange					Research in Herpetology
BLY	555		*	To Arrange					Research in Ornithology
BLY	556		*	To Arrange					Research in Mammalogy
BLY	557		*	To Arrange					Research in Comparative Anatomy

(Continued on Next Page)

BIOLOGY—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
BLY	558		*	To Arrange					Research in Embryology
BLY	559		*	To Arrange					Research in Experimental Biology
BLY	560		*	To Arrange					Research in Cytology
BLY	561		*	To Arrange					Research in Histology

*Variable. Credit assigned must be shown on registration blank.

BOTANY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking BTY-304 will register for one lecture (Section 1, 2, or 3) and one laboratory (Section 11, 12, 13, 14, 15, 16, 17, or 18).									
BTY	304	1	3	MW	9:40	UA	1	Cody, M. D.	General Botany
BTY	304	2	3	TTh	8:40	UA	1	Griffith, M.	
BTY	304	3	3	TTh	11:40	UA	1	Ford, E. S.	
BTY	304	11		M	1:40-3:30	UA		West, E.	
BTY	304	12		T	1:40-3:30	UA		Ford, E. S.	
BTY	304	13		W	1:40-3:30	UA			
BTY	304	14		Th	1:40-3:30	UA		Cody, M. D.	
BTY	304	15		F	1:40-3:30	UA			
BTY	304	16		M	3:40-5:30	UA		West, E.	
BTY	304	17		T	3:40-5:30	UA		Ford, E. S.	
BTY	304	18		W	3:40-5:30	UA			
BTY	306		3	MWF	1:40-3:30	UA	1	Ford, E. S.	Plant Kingdom, Higher Plants
Students taking BTY-311 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
BTY	311	1	4	TTh	7:40	UA	1	Powell, R. D.	Plant Physiology
BTY	311	11		MW	1:40-3:30	UA		Powell, R. D.	
BTY	311	12		TTh	1:40-3:30	UA		Powell, R. D.	
BTY	400		3	TTh	10:40	UA		Davis, John H.	Plant Geography
				S	9:40-11:30	UA	1	Davis, John H.	

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
BTY	412		3	To arrange				Powell, R. D.	Advanced Plant Physiology
BTY	432		4	TTh	9:40	UA	1	Cody, M. D.	Plant Anatomy
				MW	3:40-5:30	UA		Cody, M. D.	
BTY	450		3	TThS	8:40	UA		Davis, John H.	Economic Botany
BTY	500		4	To arrange				Staff	Advanced Botany
BTY	502		3	To arrange				Davis, John H.	Ecology of Aquatics
BTY	555		1	To arrange				Ford, E. S.	Seminar
BTY	570		4	To arrange				Staff	Research in Botany

BUILDING CONSTRUCTION

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
BCN	301		3	(MTWThFS	9:40	E	175		Projects in Building Construction, Group 1
BCN	302		3	(MWF	10:40-12:30	E	175		
BCN	303		3	(MTWF	1:40-4:30	E	175		
BCN	304		3	(					
BCN	311		3	(MTWThFS	9:40	E	178		Projects in Building Construction, Group 2
BCN	312		3	(MWF	10:40-12:30	E	178		
BCN	313		3	(MTWF	1:40-4:30	E	178		
BCN	314		3	(					
BCN	401		3	(MTWThFS	9:40	E	175		Projects in Building Construction, Group 3
BCN	402		3	(MWF	10:40-12:30	E	175		
BCN	403		3	(MTWF	1:40-4:30	E	175		
BCN	404		3	(					
BCN	411		3	(MTWThFS	9:40	E	188		Projects in Building Construction, Group 4
BCN	412		3	(MWF	10:40-12:30	E	188		
BCN	413		3	(MTWF	1:40-4:30	E	188		
BCN	414		3	(					
BCN	415		3	(9 hours to arrange					

BUSINESS EDUCATION

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
BEN	81	1	2	MTWTh	7:40	YN	306	Crews, J. W.	Introductory Typewriting
BEN	81	2	2	MTWTh	9:40	YN	306	Maxwell, H. C.	
BEN	81	3	2	MTWTh	2:40	YN	306	Maxwell, H. C.	
BEN	91	1	3	MTWTh	1:40	YN	305	Crews, J. W.	Introductory Shorthand
BEN	91	2	3	MTWTh	2:40	YN	305	Crews, J. W.	
BEN	181		2	MTWTh	12:40	YN	306	Maxwell, H. C.	Advanced Typewriting
BEN	191	1	3	MTWTh	8:40	FG	220	Maxwell, H. C.	Shorthand Dictation
BEN	191	2	3	MTWTh	11:40	YN	305	Crews, J. W.	
BEN	291		2	MTWTh	10:40	YN	306	Maxwell, H. C.	Shorthand Dictation and Transcription
BEN	298	1	3	MWF	10:40	YN	305	Moorman, J. H.	Office Management
BEN	298	2	3	TThS	10:40	YN	305	Moorman, J. H.	
BEN	351		2	MTWTh	7:40	YN	305	Braddy, V.	Office Practice Techniques
BEN	352		2	MTWTh	8:40	YN	305	Braddy, V.	Office Machine Techniques
BEN	562		3	M	7:00-9:30 PM	YN	306	Moorman, J. H.	Teaching Secretarial Studies
BEN	563		3	Th	7:00-9:30 PM	YN	306	Moorman, J. H.	Teaching Social-Business Subjects

BUSINESS ORGANIZATION & OPERATION

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
BS	101		3	MWF	8:40	LW	301	Dietz, J. W.	Introduction to Business
BS	260	1	3	MWF	7:40	I	202	Pierce, J. E.	Fundamentals of Insurance
BS	260	2	3	TThS	7:40	I	202	Pierce, J. E.	
BS	260	3	3	MWF	9:40	I	205	Pierce, J. E.	
BS	260	4	3	MWF	11:40	I	202	Sweeney, V.	
BS	260	5	3	TThS	11:40	I	202	Sweeney, V.	
BS	304	1	3	MWF	8:40	I	105	Case, F. E.	Business Ethics
BS	304	2	3	TThS	9:40	I	104	Case, F. E.	
BS	333	1	3	MWF	8:40	I	210	Breese, W. E.	Salesmanship
BS	333	2	3	TThS	8:40	LW	301	Breese, W. E.	
BS	333	3	3	TThS	10:40	LW	301	Yoder, L. C.	
BS	333	4	3	MWF	11:40	LW	301	Yoder, L. C.	

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
BS	333	5	3	MWF	1:40	LW	301	Goodwin, F.	
BS	334		3	MWF	2:40	LW	301	Goodwin, F.	Sales Management
BS	335	1	3	MWF	7:40	LW	301	Emory, C. W.	Principles of Marketing
BS	335	2	3	TThS	7:40	LW	301	Breese, W. E.	
BS	335	3	3	TThS	8:40	I	209	Crawford, C. M.	
BS	335	4	3	MWF	9:40	I	209	Yoder, L. C.	
BS	335	5	3	MWF	10:40	I	110	Hardy, F. K.	
BS	335	6	3	MWF	1:40	I	209	Emory, C. W.	
BS	336	1	3	MWF	7:40	I	110	Crawford, C. M.	Credits and Collections
BS	336	2	3	TThS	9:40	LW	301	Yoder, L. C.	
BS	357		3	TThS	10:40	I	208	Bradbury, R. W.	Air Transportation
BS	363		3	MWF	8:40	I	202	Crist, G. W., Jr.	Life Insurance: Elements
BS	371	1	3	TThS	9:40	A	4	Summerhill, G. W.	Industrial Management
BS	371	2	3	MWF	1:40	I	105	Hodges, H. G.	
BS	371	3	3	MWF	2:40	I	105	Hodges, H. G.	
BS	373	1	3	TThS	9:40	I	207	Oliver, C.	Personnel Management
BS	373	2	3	MWF	10:40	I	104	Oliver, C.	
BS	373	3	3	TThS	10:40	I	104	Hodges, H. G.	
BS	401	1	3	MWF	7:40	I	102	Wyatt, J. W.	Business Law
BS	401	2	3	MWF	9:40	I	105	Hurst, H. C.	
BS	401	3	3	TThS	9:40	I	105	Wyatt, J. W.	
BS	401	4	3	MWF	10:40	I	105	Hurst, H. C.	
BS	401	5	3	TThS	10:40	I	105	Hurst, H. C.	
BS	402	1	3	MWF	8:40	I	110	Wyatt, J. W.	Business Law
BS	402	2	3	TThS	8:40	I	110	Peterson, E. G.	
BS	402	3	3	MWF	9:40	I	110	Crist, G. W., Jr.	
BS	402	4	3	TThS	9:40	I	110	Peterson, E. G.	
BS	402	5	3	MWF	2:40	I	110	Crist, G. W., Jr.	
BS	403		3	TThS	11:40	I	105	Hurst, H. C.	Law of Business Units
BS	422		3	TThS	9:40	I	205	Richardson, J. G.	Investments
BS	424		3	TThS	10:40	I	206	Richardson, J. G.	Investment Analysis
BS	427	1	3	MWF	8:40	I	207	Matthews, C. A.	Corporation Finance
BS	427	2	3	MWF	9:40	I	104	McFerrin, J. B.	
BS	427	3	3	TThS	10:40	I	110	Floyd, J. S.	
BS	427	4	3	MWF	2:40	I	207	Floyd, J. S.	
BS	428		3	MWF	9:40	I	207	Matthews, C. A.	Corporation Finance

(Continued on Next Page)

BUSINESS ORGANIZATION & OPERATION—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
BS	430		3	MWF	9:40	LW	301	Emory, C. W.	Wholesaling
BS	433	1	3	TThS	9:40	I	102	Hardy, F. K.	Advertising
BS	433	2	3	MWF	12:40	I	110	Hardy, F. K.	
BS	434		3	TThS	11:40	I	110	Hardy, F. K.	Advertising Problems
BS	437	1	3	MWF	7:40	I	209	Breese, W. E.	Retailing
BS	437	2	3	TThS	9:40	I	209	Brohm, H. D.	
BS	438	1	3	TThS	7:40	I	209	Crawford, C. M.	Sales and Market Analysis
BS	438	2	3	MWF	8:40	I	102	Crawford, C. M.	
BS	439	1	3	MWF	10:40	I	209	Brohm, H. D.	Principles and Problems of Merchandising
BS	439	2	3	TThS	10:40	I	209	Brohm, H. D.	
BS	450		3	MWF	10:40	LW	301	Emory, C. W.	Small Retail Store Management
BS	452		3	TThS	9:40	I	203	Roberts, M. J.	Traffic Management: Service and Service Regulation
BS	462		3	MWF	10:40	I	205	Sweeney, V. V.	Life Insurance: Problems & Practices
BS	463	1	3	MWF	8:40	I	201	Gaitanis, L. A.	Social Insurance
BS	463	2	3	TThS	8:40	I	104	Gaitanis, L. A.	
BS	464		3	MWF	8:40	I	104	Collins, E. C.	Statistical Controls for Management
BS	471		3	TThS	11:40	I	102	Hodges, H. C.	Principles of Industrial Organization
BS	472	1	3	TThS	8:40	I	102	Luck, T. J.	Collective Bargaining
BS	472	2	3	MWF	11:40	I	102	Luck, T. J.	
BS	479		3	MWF	11:40	I	209	Brohm, H. D.	Business Policies
BS	481		3	TThS	10:40	I	205	Sweeney, V. V.	Ocean and Inland Marine Insurance
BS	482		3	MWF	1:40	I	110	Crist, G. W.	Fidelity and Surety Bonding
BS	486		3	TThS	8:40	I	202	Pierce, J. E.	Life Insurance in Relation to Trusts and Estates
BS	501		3	TThS	11:40	LI	417	Wyatt, J. W.	Business Liabilities
BS	524		3	MWF	9:40	LI	417	Dietz, J. W.	Investment Banking
BS	527		3	MWF	1:40	LI	417	McFerrin, J. B.	Problems in Corporation Finance
BS	534		3	MW	10:40	LI	417	Goodwin, F.	Problems of Sales Management
				M	11:40	LI	417		

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
CG	347		4	MWF	8:40	EI	522	Tyner, M.	Industrial Stoichiometry
				W	2:40-5:30	N	105		
CG	348		4	TThS	10:40	EI	430	Duncan, J. M.	Stoichiometry and Fuels
				M	1:40-4:30	N	105		
CG	361		3	MWF	8:40	EI	430	Beisler, W. H.	Materials of Engineering
CG	442		1	Th	11:40	EI	430	Schweyer, H. E.	Seminar
CG	444		2	WF	2:40-5:30	N	126	Duncan, J. M.	Chemical Engineering Laboratory
CG	447		3	MWF	9:40	EI	430	Beisler, W. H.	Principles of Chemical Engineering
CG	454		5	TThS	9:40	EI	430	Schweyer, H. E. and	Chemical Engineering Process Design
				T	11:40-5:30	N	126	Tyner, M.	
CG	467		3	MWF	10:40	EI	430	Duncan, J. M.	Chemical Engineering Thermodynamics
CG	468		3	MWF	8:40	EI	420	Morgen, R. A.	Chemical Engineering Thermodynamics
CG	521		3	TThS	8:40	EI	430	Harvin, R. L.	Distillation and Gas Absorption
CG	531		3	MWF	10:40	EI	440	Tyner, M.	Advanced Chemical Engineering Thermodynamics
CG	545		3	TThS	9:40	RE	402	Walker, R. D.	Absorption
CG	563		3	MW	9:40	EI	415	Schweyer, H. E.	Petroleum Technology
				Th	1:40-4:30	N	109		
CG	565		3	TTh	10:40	RE	402	Brown, W. F.	Manufacture of Pulp and Paper
				T	1:40-4:30	N	104		

CHEMISTRY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students registering for Section 1, Cy-101, must also register for one discussion section of Nos. 11-14 and one laboratory section of Nos. 111-114.									
CY	101	1	4	TTh	1:40	LE	207	Tucker, W. C., Jr.	General Chemistry
CY	101	11		W	1:40	LE	142		
CY	101	12		W	2:40	LE	142		
CY	101	13		W	3:40	LE	142		
CY	101	14		F	3:40	LE	142		
CY	101	111		M	3:40-6:30	LE	138		
CY	101	112		M	3:40-6:30	LE	138		
CY	101	113		F	12:40-3:30	LE	138		
CY	101	114		F	12:40-3:30	LE	138		
Students registering for Section 1 of Cy-102 must also register for one discussion section of Nos. 11-20 and one laboratory section of Nos. 111-121.									
CY	102	1	4	MF	1:40	LE	207		General Chemistry
CY	102	11		M	3:40	LE	212		
CY	102	12		M	4:40	LE	212		
CY	102	13		T	8:40	LE	212		
CY	102	14		T	9:40	LE	212		
CY	102	15		T	10:40	LE	212		
CY	102	16		T	3:40	LE	212		
CY	102	17		W	9:40	LE	212		
CY	102	18		W	1:40	LE	118		
CY	102	19		W	1:40	LE	154		
CY	102	20		W	2:40	LE	154		
CY	102	111		T	12:40-3:30	LE	138		
CY	102	112		T	12:40-3:30	LE	138		
CY	102	113		T	12:40-3:30	LE	138		
CY	102	114		T	3:40-6:30	LE	138		
CY	102	115		T	3:40-6:30	LE	138		
CY	102	116		T	3:40-6:30	LE	138		
CY	102	117		W	12:40-3:30	LE	138		
CY	102	118		W	12:40-3:30	LE	138		
CY	102	119		W	12:40-3:30	LE	138		
CY	102	120		Th	8:40-11:30	LE	138		
CY	102	121		Th	8:40-11:30	LE	138		

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title

Students registering for Section 1, Cy-105, must also register for one discussion section of Nos. 11-14 and one laboratory section of Nos. 111-114.

CY	105	1	4	WF	11:40	LE	207	Tarrant, Paul	General Chemistry
CY	105	11		W	1:40	LE	432		
CY	105	12		W	2:40	LE	432		
CY	105	13		Th	8:40	LE	432		
CY	105	14		Th	9:40	LE	432		
CY	105	111		M	12:40-3:30	LE	138		
CY	105	112		M	12:40-3:30	LE	138		
CY	105	113		T	8:40-11:30	LE	138		
CY	105	114		T	8:40-11:30	LE	138		

Students registering for Section 1, Cy-106, must also register for one discussion section of Nos. 11-20 and one laboratory section of Nos. 111-120.

CY	106	1	4	TTh	10:40	LE	207	Rietz, E. G.	General Chemistry
CY	106	11		T	7:40	LE	118		
CY	106	12		T	1:40	LE	142		
CY	106	13		W	8:40	LE	142		
CY	106	14		W	10:40	LE	154		
CY	106	15		W	11:40	LE	154		
CY	106	16		W	12:40	LE	212		
CY	106	17		W	2:40	LE	212		
CY	106	18		W	3:40	LE	212		
CY	106	19		Th	11:40	LE	142		
CY	106	20		Th	1:40	LE	118		
CY	106	111		M	9:40-12:30	LE	136		
CY	106	112		M	9:40-12:30	LE	136		
CY	106	113		M	12:40-3:30	LE	136		
CY	106	114		M	12:40-3:30	LE	136		
CY	106	115		M	12:40-3:30	LE	136		
CY	106	116		T	2:40-5:30	LE	136		
CY	106	117		T	2:40-5:30	LE	136		
CY	106	118		T	2:40-5:30	LE	136		
CY	106	119		F	1:40-4:30	LE	136		
CY	106	120		F	1:40-4:30	LE	136		

(Continued on Next Page)

CHEMISTRY—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students registering for Section 1, CY-203, must also register for one laboratory section of Nos. 111-112.									
CY	203	1	3	TTh	8:30	LE	118	Hawkins, J. E.	Qualitative Analysis
CY	203	111		W	2:40-5:30	LE	136		
CY	203	112		W	2:40-5:30	LE	136		
Students registering for Section 1, CY-204, must also register for one laboratory section of Nos. 111-114.									
CY	204	1	3	T	7:40	LE	207	Heath, F. H.	Analytical Chemistry (Quantitative)
CY	204	111		TTh	8:40-11:30	LE	108		
CY	204	112		TTh	11:40-2:30	LE	108		
CY	204	113		TTh	2:40-5:30	LE	108		
CY	204	114		WF	1:40-4:30	LE	108		
Students registering for Section 1, CY-205, must also register for one laboratory section of Nos. 111-112.									
CY	205	1	4	MW	9:40	LE	118	Gropp, A. H.	Introductory Quantitative Analysis
CY	205	111		TTh	1:40-4:30	LE	112		
CY	205	112		WF	1:40-4:30	LE	112		
CY	206		4	TTh	11:40	LE	154	Gropp, A. H.	Quantitative Analysis
				MF	1:40-4:30	LE	116		
Students registering for Section 1, CY-262, must also register for one discussion section of Nos. 11-13 and one laboratory section of Nos. 111-113.									
CY	262	1	5	MF	11:40	LE	118	Butler, G. B.	Organic Chemistry
CY	262	11		W	11:40	LE	118		
CY	262	12		W	2:40	LE	118		
CY	262	13		W	3:40	LE	118		
CY	262	111		TTh	9:40-12:30	LE	236		
CY	262	112		TTh	1:40-4:30	LE	236		
CY	262	113		TTh	1:40-4:30	LE	236		

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students registering for Section 1, CY-302, must also register for one discussion section of Nos. 11-13 and one laboratory section of Nos. 111-114.									
CY	302	1	4	TTh	8:40	LE	207	Rietz, E. G.	Organic Chemistry
CY	302	11		M	1:40	LE	212		
CY	302	12		T	1:40	LE	212		
CY	302	13		Th	1:40	LE	212		
CY	302	111		M	2:40-5:30	LE	238		
CY	302	112		T	2:40-5:30	LE	238		
CY	302	113		T	2:40-5:30	LE	238		
CY	302	114		Th	2:40-5:30	LE	238		
CY	401		4	MWF	8:40	LE	339	Phillips, L. R.	Physical Chemistry
				W	1:40-4:30	LE	204		
Students registering for Section 1, CY-402, must also register for one discussion section of Nos. 11-12 and one laboratory section of Nos. 111-113.									
CY	402	1	4	MW	11:40	LE	142	Hawkins, J. E.	Physical Chemistry
CY	402	11		F	10:40	LE	142		
CY	402	12		F	11:40	LE	142		
CY	402	111		M	1:40-4:30	LE	204		
CY	402	112		T	1:40-4:30	LE	204		
CY	402	113		Th	1:40-4:30	LE	204		
CY	403		3	T	9:40	LE	154	Black, A. P.	Water Analysis
				MW	1:40-4:30	LE	116		
CY	412		3	TTh	10:40	LE	339	Phillips, L. R.	Advanced Physical Chemistry
				F	1:40-4:30	LE	331		
CY	414		3	TTh	9:40	LE	118	Pollard, C. B.; Butler, G. B.; Rietz, E. G.; or Tarrant, P.	Advanced Organic Chemistry
				MW	1:40-4:30	LE	238		
CY	416		3	MWF	9:40	LE	154	Tarrant, P.	Industrial Chemistry
CY	462		3	M	7:00-8:50 PM	LE	142	Heath, F. H.	Photographic Chemistry
				Lab. to Arrange					
CY	482		0.5	M	4:40	LE	142	Pollard, C. B.	Chemical Literature

(Continued on Next Page)

CHEMISTRY—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
CY	502		3	MWF	10:40	LE	212		Structural Inorganic
CY	518		3	T Lab. to Arrange	10:40	LE	118	Pollard, C. B.	Qualitative Organic Chemistry
CY	524		3	MWF	9:40	LE	339	Reid, C. E. or Hawkins, J. E.	Chemical Kinetics
CY	528		3	MWF	8:40	LE	212	Butler, G. B.	Chemistry of High Polymers
CY	531		3	To Arrange				Gilbert, S. G.	Semi-Micro and Micro Inorganic Analysis
CY	533		3	TTh Lab. to Arrange	8:40	LE	154	Gropp, A. H.	Instrumental Analysis
CY	538		3	Th Lab. to Arrange	10:40	LE	118	Rietz, E. G.	Quantitative Organic Chemistry
CY	560		3	TThS	8:40	CR		Woislawski, S.	The Chemistry of Dyes and Vital Stains
CY	562		3	MWF	8:40	CR		Gutmann, H. R.	Biochemistry of Cancer
CY	566		*	S	9:40-12:30	CR		Ray, F. E. Woislawski, S. Gutmann, H. R. or Cambel, P.	Cancer Research Seminar
CY	570		*	To Arrange				Heath, F. H.	Research in Inorganic Chemistry
CY	571		*	To Arrange				Gropp, A. H. or Black, A. P.	Research in Analytical Chemistry
CY	572		*	To Arrange				Butler, G. B.; Pollard, C. B.; Rietz, E. G.; or Tarrant, P.	Research in Organic Chemistry
CY	573		*	To Arrange				Hawkins, J. E.; Gropp, A. H.; Phillips, L. R.; or Reid, C. E.	Research in Physical Chemistry

*Variable. Credit assigned must be shown on registration blank.

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
CY	574		*	To Arrange				Hawkins, J. E.	Research in Naval Stores
CY	575		*	To Arrange				Black, A. P.	Research in Sanitary Chemistry
CY	576		*	To Arrange				Stearns, T. W.	Research in Biochemistry
CY	581		*	To Arrange				Ray, F. E.; Woislawski, S.; Gutmann, H. R.	Research in Cancer

*Variable. Credit assigned must be shown on registration blank.

CIVIL ENGINEERING

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking CL-223 will register for one lecture (Section 1 or 2) and one laboratory (Section 11, 12, 13, 14, or 15).									
CL	223	1	3	MW	10:40	EI	415	Katterhenry, A.A.	Surveying
CL	223	2	3	TTh	9:40	EI	415	Katterhenry, A. A.	
CL	223	11		M	1:40-4:30	EI	343	Katterhenry, A. A.	
CL	223	12		W	1:40-4:30	EI	343	Pacquette, R. J.	
CL	223	13		Th	8:40-11:30	EI	343	Pacquette, R. J.	
CL	223	14		F	2:40-5:30	EI	343	Winsor, A. N.	
CL	223	15		F	9:40-12:30	EI	343	Winsor, A. N.	
Students taking CL-226 will register for one lecture (Section 1 or 2) and one laboratory (Section 11, 12, 13 or 14).									
CL	226	1	3	MW	9:40	EI	224	Bransford, T. L.	Higher Surveying
CL	226	2	3	TTh	10:40	EI	416	Bransford, T. L.	
CL	226	11		M	2:40-5:30	EI	343	Winsor, A. N.	
CL	226	12		T	1:40-4:30	EI	343	Bransford, T. L.	
CL	226	13		Th	1:40-4:30	EI	343	Winsor, A. N.	
CL	226	14		F	8:40-11:30	EI	343	Katterhenry, A. A.	

(Continued on Next Page)

CIVIL ENGINEERING—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking CL-301 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
CL	301	1	3	T	8:40	EI	415	Winsor, A. N.	Forest Surveying
CL	301	11		T	9:40-12:30	EI	343	Winsor, A. N.	
				T	1:40-4:30	EI	343		
CL	301	12		T	9:40-12:30	EI	343	Paquette, R. J.	
				T	1:40-4:30	EI	343		
CL	303		3	TTh	12:40	EI	415	Katterhenry, A. A.	Elements of Photogrammetry
				Th	2:40-5:30	EI	343	Katterhenry, A. A.	
CL	311		2	WF	2:40-5:30	EI	324	Dean, G. W.	Structural Drawing
CL	321		3	MWF	11:40	EI	416	Paquette, R. J.	Highways and Airports
Students taking CL-323 will register for one lecture (Section 1 or 2) and one laboratory (Section 11, 12, 13, 14, or 15).									
CL	323	1	3	F	12:40	EI	224	Comins, H. D.	Materials Laboratory
CL	323	2	3	Th	11:40	EI	415	Comins, H. D.	
CL	323	11		TTh	7:40-9:30	EI	120	Comins, H. D.	
CL	323	12		MW	11:40-1:30	EI	120	Comins, H. D.	
CL	323	13		TTh	12:40-2:30	EI	120	Spangler, B. D.	
CL	323	14		WF	1:40-3:30	EI	120	Spangler, B. D.	
CL	323	15		WF	3:40-5:30	EI	120	Spangler, B. D.	
CL	326		4	MWF	7:40	EI	416	Daniels, S. R.	Statics of Simple Structures
				T	9:40-12:30	EI	324		
CL	333	1	3	MWF	10:40	EI	224	Bugg, S. L.	Design in Reinforced Concrete
CL	333	2	3	TThS	10:40	EI	415	Bugg, S. L.	
CL	335		4	MWF	7:40	EI	224	Spangler, B. D.	Design in Metal and Timber
				T	9:40-12:30	EI	320		
CL	368	1	1	T	2:40-5:30	EI	120	Comins, H. D.	Strength of Materials Lab.
CL	368	2	1	Th	2:40-5:30	EI	120	Comins, H. D.	
CL	411	1	1	S	8:40	EI	415	Katterhenry, A. A.	Junior Seminar
CL	411	2	1	T	11:40	EI	416	Katterhenry, A. A.	
CL	411	3	1	Th	9:40	EI	416	Firmage, D. A.	
CL	412	1	1	F	8:40	EI	224	Williams, C. D.	Senior Seminar
CL	412	2	1	T	9:40	EI	416	Williams C. D.	

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
CL	415		3	MW	10:40	EI	416	Crabtree, F. H.	City Planning
				F	10:40-1:30	EI	320		
CL	422		4	T	9:40-1:30	EI	204	Phelps, E. B.	Public Health Engineering
				Th	9:40-11:30	EI	204		
CL	424		3	TTh	1:40	EI	416	Zimpfer, W. H.	Soil Mechanics
				M	2:40-5:30	EI	112		
CL	425		3	TTh	1:40	EI	415	Grantham, G. R.	Sewage and Industrial Waste Treatment
				M	2:40	EI	415		
CL	426	1	3	S	9:40-11:30	EI	416	Kiker, J. E.	Water Supply
				T	2:40-5:30	EI	320	Kiker, J. E.	
CL	426	2	3	TTh	8:40	EI	416	Kiker, J. E.	
				Th	2:40-5:30	EI	320	Kiker, J. E.	
CL	428		3	W	12:40	EI	204	Jaffe, T.	Sanitary Engineering Lab.
				WF	2:40-5:30	EI	204		
CL	429		3	TTh	12:40	EI	416	Hendrickson, E. R.	Sewerage
				Th	9:40-12:30	EI	320		
CL	438	1	3	MWF	9:40	EI	416	Firmage, D. A.	Statically Indeterminate Structures
CL	438	2	3	MWF	8:40	EI	416	Firmage, D. A.	
CL	444	1	3	TTh	7:40	EI	415	Dean, G. W.	Construction Methods and Estimating
				T	2:40-5:30	EI	324		
CL	444	2	3	MW	8:40	EI	415	Dean, G. W.	
				Th	2:40-5:30	EI	324		
CL	446	1	3	MW	7:40	EI	415	Cutts, C. E.	Highway Bridges
				T	9:40-12:30	EI	522		
CL	446	2	3	MW	1:40	EI	416	Cutts, C. E.	
				W	2:40-5:30	EI	522		

Students taking CL-448 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).

CL	448	1	3	MW	12:40	EI	416	Bromilow, F.	Industrial and Mill Buildings
CL	448	11		W	2:40-5:30	EI	320	Bromilow, F.	
CL	448	12		Th	9:40-12:30	EI	324	Bromilow, F.	

(Continued on Next Page)

CIVIL ENGINEERING—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking CL-450 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
CL	450	1	3	MW	11:40	EI	224	Ritter, L. J.	Highway Construction and Materials
CL	450	11		F	2:40-5:30	EI	320	Bransford, T. L.	
CL	450	12		M	2:40-5:30	EI	320	Ritter, L. J.	
CL	521		3	MWF	9:40	EI	320	Bromilow, F.	Advanced Metal Structures
CL	526		3	MWF	10:40	EI	211	Bromilow, F.	Three Dimensional Stress Analysis
CL	527		3	MWF	8:40	EI	204	Jaffe, T.	Advanced Sanitary Engineering
CL	529		3	MWF	8:40-11:30	EI	324	Grantham, G. R.	Advanced Sanitary Engineering Design
CL	538		3	MWF	9:40	EI	204	Williams, C. D.	Analysis of Statically Indeterminate Structures
CL	541		3	T Th	10:40-12:30 10:40	EI	210	Kiker, J. E.	Advanced Public Health Engineering
CL	542		2	MW	10:40	EI	204	Phelps, E. B.	Stream Sanitation
CL	547		3	MWF	10:40	EI	212	Ritter, L. J.	Advanced Highway Engineering
CL	548		3	MW W	11:40 1:40-4:30	EI EI	415 112	Zimpfer, W. H.	Advanced Soil Mechanics
CL	549		3	T WF	10:40 1:40-4:30	EI EI	303 303	Firmage, D. A.	Experimental Stress Analysis
CL	550		3	MWF	9:40	EI	130	Daniels, S. R.	Hydrology
CL	552		1	T	8:40	EI	204	Williams, C. D.	Graduate Civil Engineering Seminar

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
CT	360	.....	3	TThS	10:40-12:30	WA	300C		Layout
CT	361	.....	3	MWF	1:40-3:30	WA	300C		Lettering and Instrumental Drawing
CT	362	.....	3	TThS	8:40-10:30	WA	300C		Advertising Design
CT	464	.....	3	TTh	1:40-4:30	WA	301		Projects in Advertising Design, Group II
CT	465	.....	3	MWF	10:40-12:30	WA	301		Projects in Advertising Design, Group II
CT	466	.....	3	MWF	1:40-3:30	WA	301		Projects in Advertising Design, Group II

CRAFTS

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
CS	381	.....	3	MWF	10:40-12:30	WA	304, 300B		Crafts I
CS	383	.....	3	MWF	1:40-3:30	WA	304		Jewelry and Metalwork
CS	483	.....	3	TTh	7:00-10:00 PM	WA	304		Special Problems in Crafts
CS	484	.....	6	MWF	1:40-3:30	WA	304		Special Problems in Crafts

DAIRYING

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking DY-311 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
DY	311	1	3	MW	8:40	DL	203	Wilkowske, H. H.	Principles of Dairying
DY	311	11		W	1:40-3:30	DL	110		
DY	311	12		W	3:40-5:30	DL	110		
DY	316		3	M	9:40	DL	203	Wilkowske, H. H.	Condensed and Dry Milks
				S	7:40-11:30	DL	110		

(Continued on Next Page)

DAIRYING—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
DY	318		1	TTh	4:40	DL	110	Mull, L. E.	Grading and Judging Dairy Products
DY	408		1	F	8:40	DL	203	Staff	Dairy Industry Review
DY	412		3	TTh	11:40	DL	203	Arnold, P. T. D.	Milk Production
				M	3:40-5:30	DL	203		
DY	414		3	TTh	10:40	DL	203	Wilkowske, H. H.	Buttermaking
				F	1:40-4:30	DL	110		
DY	416		3	MW	10:40	DL	203	Krienke, W. A.	Dairy Technology
				M	12:40-3:30	DL	110		
DY	420		3	To arrange				Staff	Problems in Dairy Technology
DY	422		2	TTh	8:40	DL	203	Marshall, S. P.	Milk Secretion
DY	508		2	To arrange				Becker, R. B.	Methods in Animal Research
DY	520		*	To arrange				Mull, L. E.	Advanced Dairy Technology
DY	521		*	To arrange				Staff	Problems in Milk and Milk Products
DY	522		2	To arrange				Becker, R. B.	Advanced Dairy Cattle Breeding
DY	523		*	To arrange				Staff	Problems in Dairy Production

*Variable. Credit assigned must be shown on registration blank.

ECONOMICS

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
ES	203	1	4	MWF	7:40	PE	1	Ziegler, R. J.	Elementary Statistics
				W	1:40-3:30				
ES	203	2	4	TThS	7:40	PE	1	Collins, E. C.	
				M	1:40-2:30				
ES	203	3	4	MWF	8:40	PE	1	Ziegler, R. J.	
				Th	2:40-4:30				
ES	203	4	4	TThS	8:40	PE	1	Collins, E. C.	
				M	3:40-5:30				

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
ES	203	5	4	MWF	9:40	PE	1	Anderson, M. D.	
				Th	12:40-2:30				
ES	203	6	4	TThS	9:40	PE	1	Karp, J. R.	
				W	3:40-5:30				
ES	203	7	4	MWF	10:40	PE	1	Webb, J. N.	
				T	12:40-2:30				
ES	203	8	4	TThS	10:40	PE	1	Ziegler, R. J.	
				F	1:40-3:30				
ES	203	9	4	MWF	11:40	PE	1	Anderson, M. D.	
				T	4:40-6:30				
ES	203	10	4	TThS	11:40	PE	1	Ziegler, R. J.	
				F	3:40-5:30				
ES	203	11	4	MWF	12:40	PE	1	Karp, J. R.	
				T	2:40-4:30				
ES	205	1	3	MWF	7:40	I	201	Robertson, A. J.	Economic Foundations of Modern Life
ES	205	2	3	TThS	7:40	I	201	Calohan, C. E.	
ES	205	3	3	TThS	8:40	I	201	Anderson, J. D.	
ES	205	4	3	MWF	9:40	I	201	Anderson, J. D.	
ES	205	5	3	TThS	9:40	I	201	Floyd, J. S.	
ES	205	6	3	MWF	10:40	I	201	Anderson, J. D.	
ES	205	7	3	TThS	10:40	I	201	Heskin, O. E.	
ES	205	8	3	MWF	11:40	I	201	Dietz, J. W.	
ES	205	9	3	MWF	1:40	I	201	Kennedy, J. W.	
ES	205	10	3	MWF	2:40	I	201	Kennedy, J. W.	
ES	206	1	3	MWF	7:40	I	105	Oliver, C.	Economic Foundations of Modern Life
ES	206	2	3	MWF	7:40	I	106	Millican, C. N.	
ES	206	3	3	TThS	7:40	I	106	Robertson, A. J.	
ES	206	4	3	MWF	8:40	I	106	Robertson, A. J.	
ES	206	5	3	TThS	8:40	I	106	Calohan, C. E.	
ES	206	6	3	MWF	9:40	I	106	Calohan, C. E.	
ES	206	7	3	TThS	9:40	I	106	Robertson, A. J.	
ES	206	8	3	MWF	10:40	I	106	Calohan, C. E.	
ES	206	9	3	MWF	10:40	I	108	Blodgett, R. H.	
ES	206	10	3	TThS	10:40	I	106	Millican, C. N.	

(Continued on Next Page)

ECONOMICS—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
ES	206	11	3	MWF	11:40	I	106	Mitch, G. F.	
ES	206	12	3	TThS	11:40	I	106	Millican, C. N.	
ES	206	13	3	MWF	12:40	I	106	Brand, M.	
ES	206	14	3	MWF	12:40	I	105	Brashear, J. B.	
ES	206	15	3	MWF	1:40	I	106	Brashear, J. B.	
ES	296	16	3	MWF	2:40	I	106	Mitch, G. F.	
ES	206	17	3	MWF	3:40	I	106	Mitch, G. F.	
ES	208		3	MWF	1:40	I	208	Tuttle, F. W.	Economic History of the United States
ES	246	1	3	MWF	10:40	I	203	Cunkle, A. L.	The Consumption of Wealth
ES	246	2	3	TThS	10:40	I	203	Cunkle, A. L	
ES	303		3	MWF	8:40	I	209	Millican, C. N.	Machine Technology in American Life
ES	311		3	MWF	2:40	I	208	Tuttle, F. W.	Development of Modern Western Economy
ES	321	1	3	TThS	7:40	I	206	Matthews, C. A.	Money and Banking
ES	321	2	3	MWF	8:40	I	206	Dolbeare, H. B.	
ES	321	3	3	TThS	8:40	I	206	Matthews, C. A.	
ES	321	4	3	MWF	9:40	I	206	Dolbeare, H. B.	
ES	321	5	3	TThS	9:40	I	206	Dolbeare, H. B.	
ES	321	6	3	MWF	10:40	I	206	Richardson, J. G.	
ES	321	7	3	MWF	11:40	I	206	Richardson, J. G.	
ES	321	8	3	MWF	1:40	I	206	Floyd, J. S.	
ES	327	1	3	MWF	7:40	I	207	Cunkle, A. L.	Public Finance
ES	327	2	3	TThS	7:40	I	210	Anderson, J. D.	
ES	327	3	3	TThS	8:40	I	207	Qualls, L. L.	
ES	327	4	3	MWF	9:40	I	203	Cunkle, A. L.	
ES	327	5	3	MWF	10:40	I	207	Donovan, C. H.	
ES	327	6	3	MWF	11:40	I	207	Donovan, C. H.	
ES	327	7	3	MWF	11:40	I	205	Qualls, L. L.	
ES	329		3	TThS	11:40	I	206	Karp, J. R.	Introduction to Business Cycles
ES	347	1	3	MWF	8:40	I	208	Shields, M. W.	Principles of Foreign Trade
ES	347	2	3	TThS	8:40	I	208	Shields, M. W.	

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
ES	351	1	3	MWF	7:40	I	203	Roberts, M. J.	Elements of Transportation
ES	351	2	3	MWF	8:40	AN	104	Bigham, T. C.	
ES	351	3	3	TThS	8:40	I	203	Roberts, M. J.	
ES	351	4	3	MWF	11:40	I	208	Bradbury, R. W.	
ES	354		3	MWF	8:40	I	203	Roberts, M. J.	Transport Regulation
ES	369		3	MWF	11:40	I	105	Webb, J. N.	Sample Surveys: Principles and Applications
ES	372	1	3	MWF	7:40	I	104	Luck, T. J.	Labor Problems
ES	372	2	3	TThS	10:40	I	207	Oliver, C.	
ES	374		3	MWF	11:40	I	104	Kennedy, J. W.	Wage Theory and Practice
ES	378		3	TThS	9:40	I	208	Luck, T. J.	Government in Relation to Labor
ES	382		3	TThS	7:40	B	114	Day, R. L.	Principles of Resource Utilization
ES	386		3	MWF	1:40	B	114	Pierson, W. H.	Economic Geography of Caribbean America
ES	404	1	3	TThS	8:40	I	105	Brand, M.	Government Control of Business
ES	404	2	3	MWF	11:40	I	210	Brand, M.	
ES	407	1	3	MWF	7:40	I	210	Fristoe, C. W.	Economic Principles and Problems
ES	407	2	3	TThS	8:40	I	210	Fristoe, C. W.	
ES	407	3	3	MWF	9:40	I	210	Qualls, L. L.	
ES	407	4	3	MWF	10:40	I	210	Karp, J. R.	
ES	407	5	3	TThS	11:40	PE	112	Eldridge, J. G.	
ES	408	1	3	MWF	8:40	I	205	Fristoe, C. W.	Economic Principles and Problems
ES	408	2	3	TThS	8:40	PE	112	Eldridge, J. G.	
ES	408	3	3	MWF	9:40	I	202	Blodgett, R. H.	
ES	408	4	3	TThS	9:40	I	202	Blodgett, R. H.	
ES	408	5	3	MWF	10:40	I	202	Fristoe, C. W.	
ES	408	6	3	TThS	10:40	I	202	Mitch, G. F.	
ES	408	7	3	MWF	11:40	PE	112	Eldridge, J. G.	
ES	421		3	TThS	8:40	1	204	Dolbeare, H. B.	Advanced Money and Banking

(Continued on Next Page)

ECONOMICS—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
ES	441		3	MWF	9:40	I	208	Collins, E. C.	Financial Institutions and Fiscal Policies of Selected Latin American Countries
ES	449		3	MWF	10:40	I	208	Bradbury, R. W.	International Finance: Foreign Exchange
ES	468		3	MWF	7:40	B	114	Diettrich, S. de R.	Economic History in the Making
ES	478		3	TTh	9:40	I	210	Donovan, C. H.	Problems in State and Local Finance
				T	10:40	I	210		
ES	486		3	TThS	8:40	B	114	Cross, C. I.	Economic Geography of the Far East
ES	502		3	TThS	8:40	LI	417	Blodgett, R. H.	Economic Systems
ES	506		3	MWF	8:40	PE	112	Eldridge, J. G.	The Development of Economic Thought
ES	509		3	Th	2:40-5:30	I	108	Webb, J. N.	Present Day Schools of Economic Thought: II
ES	511		3	TThS	10:40	LI	417	Tuttle, F. W.	Development of American Economy 1860—
ES	537		3	MWF	11:40	I	108	Heskin, O. E.	Imperfect Competition
ES	543		3	F	2:40-5:30	I	108	Shields, M. W.	Theory of International Trade
ES	545		3	M	2:40-5:30	LI	417	Bradbury, R. W.	Economy of Latin America
ES	556		3	To arrange		AN	204	Bigham, T. C.	Problems in Public Utilities
ES	570		3	To arrange		PE	3	Anderson, M. D.	Mathematical Economics—Part I
ES	572		3	W	2:40-5:30	LI	417	Kennedy, J. W.	Organized Labor in United States
ES	589		3	To arrange				Pierson, W. H.	Problems in Economic Geography

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
EN	105	1	3	MWF	9:40	YN	138	Watkins, L. E.	Aspects of Human Growth and Development
				F	2:40	YN	138		
EN	105	2	3	TThS	10:40	YN	138	Laird, D. S.	
				Th	2:40	YN	138		
EN	105	3	3	TThS	11:40	YN	138		
				Th	3:40	YN	138		
EN	106	1	3	MWF	10:40	YN	138	Watkins, L. E.	Aspects of Human Growth and Development
				F	3:40	YN	138		
EN	106	2	3	MWF	7:40	YN	138		
				M	2:40	YN	138		
EN	106	3	3	MWF	8:40	YN	138		
				M	3:40	YN	138		
EN	106	4	3	MWF	11:40	YN	138	Laird, D. S.	
				T	1:40	YN	138		
EN	106	5	3	MWF	12:40	YN	138		
				T	2:40	YN	138		
EN	106	6	3	MWF	1:40	YN	138	Laird, D. S.	
				T	3:40	YN	138		
EN	106	7	3	TThS	8:40	YN	138	Laird, D. S.	
				Th	12:40	YN	138		
EN	106	8	3	TThS	9:40	YN	138	Laird, D. S.	
				Th	1:40	YN	138		
EN	106	9	3	TThS	7:40	YN	138		
				Th	12:40	YN	138		
EN	301	1	3	MWF	9:40	YN	134	Browne, Cox, Wiles	Principles and Practices of the Secondary School Program
*EN	301	2	3	MWF	10:40	YN	134	Browne, Cox, Wiles	
EN	302	1	3	TThS	9:40	YN	134	Browne, Cox, Wiles	Principles and Practices of the Secondary School Program
*EN	302	2	3	MWF	11:40	YN	134	Browne, Cox, Wiles	
EN	303		3	MWF	9:40	YN	150	Garris, E. W.	Methods in Vocational Agriculture
EN	306		3	MWF	8:40	YN	150	Garris, E. W.	Vocational Education

*Students registering for Section 2, EN-301 must also register for Section 2, EN-302.

(Continued on Next Page)

EDUCATION—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
EN	307	1	15	Daily	8:40-3:30	OE		Green, E. K.	Children and Learning
EN	307	2	15	Daily	8:40-3:30	OF		Green, E. K.	
EN	317		3	Th	7:00-9:30 PM	YN	316	Hines, V.	Measurement and Evaluation of School Practices
EN	385	1	3	MWF	12:40	YN	150	McLendon, I. R.	Child Development
EN	385	2	3	TThS	9:40	YN	150	McLendon, I. R.	
EN	385	3	3	TThS	8:40	YN	150	McLendon, I. R.	
EN	386	1	3	TThS	10:40	YN	150	Lewis, H. G.	Educational Psychology
EN	386	2	3	TThS	11:40	YN	150	Lewis, H. G.	
EN	401		3	M	7:00-9:30 PM	YN	134	Simmons, G. B.	The Teacher's Role in the Administrative Process
EN	405		15	Daily	8:40-3:30	OD		Leenhouts, L. N.	The Practicum
EN	410		3	F**	10:40	YN	150	Loften, W. T.	Supervised Teaching in Vocational Agriculture
EN	412		2	MW	10:40	YN	150	Loften, W. T.	Course Organization in Vocational Agriculture
EN	418		3	M	7:00-9:30 PM	YN	232	Alexander, V. W.	Audio-Visual Materials
xEN	421	1	3	MTWThF	To Arr.	OD		Leenhouts, L. N.	Student Teaching
				T	1:30-4:30	OD			
xEN	421	2	3	MTWThF	To Arr.	YN	327	Padgett, E.	
				T	3:40	YN	138		
xEN	422	1	3	MTWThF	To Arr.	OD		Leenhouts, L. N.	Student Teaching
				T	1:30-4:30	OD			
xEN	422	2	3	MTWThF	To Arr.	YN	327	Padgett, E.	
				T	3:40	YN	138		
EN	423	1	15	MTWThF	8:40-3:30	K	203	Lewis, H. G. and Staff	Theory and Practice in Teaching
EN	423	2	15	MTWThF	8:40-3:30	K	105	Durrance, C. L. and Staff	
EN	423	3	15	MTWThF	8:40-3:30	I	103	Bingham, N. E. and Staff	

**Additional time for student teaching must be scheduled before registration is completed.
x Students must clear one-half day MTWThF for EN-421-422, which must be taken simultaneously.

(Continued on Next Page)

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
EN	471		4	F	6:00-9:30 PM	YN	228	Leenhouts, L. N.	Problems of Instruction
EN	480		3	Th	7:00-9:30 PM	YN	228		Teaching of Reading
EN	503		3	Th	7:00-9:30 PM	YN	316	Hines, V.	Measurement and Evaluation
EN	504		6	To arrange		YN	231	Henderson, L. N.	Practicum in College Teaching
EN	507		3	F	7:00-9:30 PM	YN	138	McLendon, I. R.	Advanced Educational Psychology
EN	508	1	3	MWF	8:40	YN	134	Norman, J. W.	The Educational Philosophy of John Dewey
EN	508	2	3	T	7:00-9:30 PM	YN	134	Norman, J. W.	
EN	510		3	S	9:40-12:30	YN	140	Norman, J. W.	History of Education
EN	513		3	T	7:00-9:30 PM	YN	228	Stripling, R. O.	The Organization and Administration of Guidance and Personnel Programs in Secondary Schools
EN	515		/3	Th	7:00-9:30 PM	YN	140	Bamberger, F. E.	Mental Health in the Classroom
EN	517		3	T and 2 hrs. to arrange	7:00-9:30 PM	YN	316	Kidd, K. P.	Educational Statistics
EN	518		3	F	3:40-6:30	YN	132	Leps, J. M.	Organization and Administration of Secondary Schools
EN	520		3	MWF	2:40	YN	134	Olson, C. M.	Laboratory Workshop in Curriculum Development
EN	521		3	Th	7:00-9:30 PM	YN	134	Johns, R. L.	Public School Business Administration and Finance
EN	524		3	T	7:00-9:30 PM	YN	138	Leps, J. M.	Organization and Adm. of Elem. Schools
EN	530		3	To arrange		YN	300	Williams, W. R.	Individual Work
EN	531		3	To arrange		YN	241	Cumbee, C. F. and Staff	Laboratory in Child Study
EN	536		3	M	7:00-9:30 PM	YN	236	Wofford, K. V.	Methods and Problems of Educational Supervision
EN	537		3	S	9:40-12:30	YN	311	Leenhouts, L. N. and Wiles, K.	Supervision of Student Teaching and Internship
EN	540	1	3	MWF	12:40	YN	134	Henderson and Staff.	Foundations of Education
EN	540	2	3	S	9:40-12:30	YN	232	Hines, V. and Staff	

(Continued on Next Page)

EDUCATION—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
EN	541		3	F	7:00-9:30 PM	YN	232	Cumbee, C. F.	Problems in Educational Psychology
EN	545		3	Th	7:00-9:30 PM	YN	236	Hilliard, F. P.	Modern Practices in Elementary Education
EN	562	1	3	MWF	1:40	YN	134	Stripling, R. O.	Principles of Pupil Guidance
EN	562	2	3	Th	7:00-9:30 PM	YN	232	Cumbee, C. F.	
EN	563		3	M	7:00-9:30 PM	YN	138	Fagin, B.	Techniques in Guidance and Counseling
EN	566		3	S	9:40-12:30	YN	228	Garris, E. W.	Problems in Agricultural Education
EN	568		3	M	7:00-9:30 PM	YN	150	Garris, E. W.	Building, Equipment and Supplies for Vocational Education
EN	570		3	To arrange		YN	102	Wofford, K. V.	Problems in Classroom Teaching
EN	575		3	T	7:00-9:30 PM	YN	140	Spache, G. D.	Modern Trends in the Teaching of Reading
EN	582		3	To arrange		YN	122	Simmons, G. B.	Group Study of Selected Problems in Special Fields of Study
EN	583		3	Th	7:00-9:30 PM	YN	138	Bode, B. H.	Theories of Mind (Conflicting Psychologies of Learning)
EN	587		15	To arrange		YN	102	Wofford, K. V.	Practicum in Supervision
EN	592		3	To arrange		YN	130	Leps, J. M.	Problems in School Administration and Supervision (Elementary Principals)
EN	593		3	To arrange		YN	130	Leps, J. M.	Problems in School Administration and Supervision (Secondary Principals)
EN	598		3	To arrange		YN	128	Johns, R. L.	Problems in School Administration and Supervision (County Superintendents)
EN	601		3	Th	3:40-6:30	YN	132	Johns, R. L.	School Survey, II
EN	607		3	To arrange		YN	122	Simmons, G. B.	Administration of Teacher Personnel

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
EN	609		3	MWF	3:40	YN	134	Henderson, L. N.	The Administration of Junior Colleges
EN	610		3	TTh	2:40-4:00	YN	134	Olson, C. M.	The Work of the Director of Curriculum and Guidance
EN	613		3	TThS	8:40	YN	132	Norman, J. W.	Contemporary Educational Theories
EN	640		3	F	7:00-9:30 PM	YN	140	Hines, V. and Staff	School and Society
EN	685		3	M	7:00-9:30 PM	YN	140	Henderson, L. N.	Seminar in General Education for Colleges

ELECTRICAL ENGINEERING

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
EL	211	1	3	MWF	8:40	EI	328	Owen, H. A.	Introduction to Electrical Engineering
EL	211	2	3	TThS	9:40	EI	328	Owen, H. A.	
EL	341		3	TThS	8:40	EI	334	Johnson, W. E.	Elements of Electrical Engineering
EL	342	1	3	MWF	10:40	EI	328	Schoonmaker, L. E.	Elements of Electrical Engineering
EL	342	2	3	MWF	1:40	EI	346	Smith, E. F.	
EL	342	3	3	TThS	9:40	EI	420	Webb, B.	
EL	343		3	MWF	9:40	EI	420	Smith, E. F.	Elements of Electrical Engineering
EL	345		3	WF	11:40	EI	334	Wilson, J. W.	Electrical Illumination
				T	2:40-5:30	EI	536	Wilson, J. W.	

Students taking EL-346 will register for one lecture (Section 1 or 2) and one laboratory (Section 11, 12, 13, or 14).

EL	346	1	4	MWF	9:40	EI	334	Fagen, W. F.	Electrical Communications
EL	346	2	4	MWF	1:40	EI	328	Schrader, G. F.	
EL	346	11		T	2:40-5:30	EI	427	Fagen, W. F.	
EL	346	12		W	2:40-5:30	EI	427	Schrader, G. F.	
EL	346	13		Th	8:40-11:30	EI	427	Rackley, B. T.	
EL	346	14		F	2:40-5:30	EI	427	Rackley, B. T.	

(Continued on Next Page)

ELECTRICAL ENGINEERING—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
EL	349		1	S	9:40-12:30	EI	230	Johnson, W. E.	Dynamo Laboratory
EL	350	1	1	M	2:40-5:30	EI	230	Smith, E. F.	Dynamo Laboratory
EL	350	2	1	W	2:40-5:30	EI	230	Johnson, W. E.	
EL	350	3	1	Th	2:40-5:30	EI	230	Smith, E. F.	
EL	350	4	1	F	2:40-5:30	EI	230	Johnson, W. E.	
EL	361		4	MWF	10:40	EI	346	Schrader, G. F.	Electric Circuits
				T	2:40-5:30	EI	424	Schrader, G. F.	

Students taking EL-362 will register for one lecture (Section 1 or 2) and one laboratory (Section 11, 12, or 13).

EL	362	1	4	MWF	8:40	EI	346	Thurston, J. N.	Electric Circuits
EL	362	2	4	TThS	8:40	EI	328	Sampson, R. W.	
EL	362	11		M	2:40-5:30	EI	424	Sampson, R. W.	
EL	362	12		T	8:40-11:30	EI	424	Thurston, J. N.	
EL	362	13		Th	2:40-5:30	EI	424	Sampson, R. W.	
EL	363		4	TThS	9:40	EI	334	Schoonmaker, L. E.	Electrical Machinery I
				F	2:40-5:30	EI	424	Schoonmaker, L. E.	
EL	442	1	1	M	11:40	EI	334	Peet, J. C.	Electrical Engineering Seminar
EL	442	2	1	T	11:40	EI	334	Peet, J. C.	
EL	442	3	1	F	1:40	EI	334	Peet, J. C.	
EL	444		3	TTh	10:40	EI	346	Fagen, W. F.	Industrial Electronics
				F	2:40-5:30	EI	230	Fagen, W. F.	

Students taking EL-445 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).

EL	445	1	3	TTh	1:40	EI	420	Drake, C. W.	Electrical Instruments, Meters and Relays
EL	445	11		T	2:40-5:30	EI	420	Drake, C. W.	
EL	445	12		Th	2:40-5:30	EI	420	Drake, C. W.	
EL	446	1	3	MWF	9:40	EI	328	Sashoff, S. P.	Electric Power Transmission
EL	446	2	3	TThS	8:40	EI	346	Sashoff, S. P.	

Students taking EL-462 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).

EL	462	1	4	MWF	11:40	EI	328	Sashoff, S. P.	Ultra-High Frequency Technique
EL	462	11		T	9:40-12:30	EI	446	Sashoff, S. P.	
EL	462	12		Th	2:40-5:30	EI	446	Sashoff, S. P.	

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking EL-466 will register for one lecture (Section 1 or 2) and one laboratory (Section 11, 12, 13, or 14).									
EL	466	1	5	MWF	8:40	EI	334	Harman, W. W.	Radio Engineering
EL	466	2	5	MWF	10:40	EI	334	Thurston, J. N.	
EL	466	11		M	1:40-6:30	EI	450	Ho, E. C.	
EL	466	12		T	1:40-6:30	EI	450	Harman, W. W.	
EL	466	13		W	1:40-6:30	EI	450	Rackley, B. T.	
EL	466	14		F	1:40-6:30	EI	450	Ho, E. C.	
Students taking EL-468 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
EL	468	1	5	MWF	10:40	EI	420	Wilson, J. W.	Alternating Current Apparatus
EL	468	11		M	1:40-6:30	EI	230	Wilson, J. W.	
EL	468	12		W	1:40-6:30	EI	230	Webb, B.	
EL	471		4	TTHS	9:40	EI	346	White, D. C.	Electrical Machinery II
				T	2:40-5:30	EI	230	Webb, B.	
EL	494		*	To arrange					Electrical Design and Experimental Procedure
EL	543		3	TThS	9:40	EI	411	Nelson, P. H.	Communication Lines Filters
EL	546		3	TThS	8:40	EI	411	Harman, W. W.	Adv. Electron Tube Circuits
EL	555		3	MWF	10:40	EI	411	Harris, L. A.	Electromagnetic Fields and Waves
EL	570		3	MWF	11:40	EI	411	Thurston, J. N.	Closed Loop Systems
EL	572		3	MWF	9:40	EI	411	White, D. C.	Adv. Electrical Machinery
EL	581		3	MWF	8:40	EI	411	Johnson, J. S.	Electric Power Systems
EL	592		*	To arrange					Special Topics in Electrical Engineering

*Variable. Credit assigned must be shown on the registration blank.

ENGINEERING MECHANICS

Students taking EM-313 will register for one lecture (Section 1, 2, or 3) and one laboratory (Section 11, 12, 13, or 14).

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
EM	313	1	4	MWF	8:40	RE	401		Fluid Mechanics
EM	313	2	4	MWF	10:40	RE	401		
EM	313	3	4	MWF	11:40	RE	401		
EM	313	11		M	2:40-5:30	RE	100		
EM	313	12		T	2:40-5:30	RE	100		
EM	313	13		W	2:40-5:30	RE	100		
EM	313	14		Th	2:40-5:30	RE	100		
EM	314	1	3	MWF	8:40	RE	402		Hydraulic Engineering
EM	314	2	3	MWF	9:40	RE	401		
EM	365	1	3	MWF	8:40	EI	331		Statics
EM	365	2	3	MWF	9:40	RE	402		
EM	365	3	3	MWF	10:40	EI	512		
EM	365	4	3	MWF	11:40	RE	402		
EM	365	5	3	MWF	1:40	RE	402		
EM	365	6	3	MWF	2:40	RE	401		
EM	366	1	3	MWF	8:40	RE	403		Dynamics
EM	366	2	3	MWF	10:40	RE	402		
EM	366	3	3	MWF	2:40	RE	402		
EM	366	4	3	MWF	3:40	RE	402		
EM	367	1	3	MWF	9:40	RE	403		Strength of Materials
EM	367	2	3	MWF	10:40	RE	403		
EM	367	3	3	MWF	11:40	RE	403		
EM	367	4	3	MWF	2:40	RE	403		
EM	367	5	3	TThS	8:40	RE	403		
EM	367	6	3	TThS	9:40	RE	403		
EM	369		3	MWF	12:40	RE	401		Appl. Mechanics for CH. E.
EM	533		3	To arrange					Adv. Hydraulic Engineering
EM	564		3	To arrange					Adv. Strength of Materials
EM	565		3	To arrange					Adv. Strength of Materials
EM	567		3	To arrange					Theory of Elastic Stability
EM	568		3	To arrange					Mechanics of Orthotropic Materials
EM	569		3	To arrange					Elastic Energy Theory

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
EH	133		3	TTh	11:40	AN	2	Congleton, J. E.	Effective Writing
				W	1:40-3:30	AN	209	and Walker, B. H.	
EH	134		3	MWF	1:40	AN	2	Fogle, S. F.	Contemporary Reading
EH	216		3	MWF	9:40	AN	2	Harkness, D. R.	Literary Masters of America
EH	217		3	MWF	2:40	AN	210	Robertson, C. A.	Literary Masters of England
EH	218	1	3	MWF	10:40	AN	210	Fogle, S. F.	
EH	218	2	3	MWF	1:40	AN	210	Oras, A.	Literary Masters of England
EH	221		4	MTWTh	12:40	AN	210	Wilson, J. L.	English and American Literature for Foreign Students
EH	223		3	MWF	8:40	AN	212	Wescott, R. W.	Masterpieces of World Literature
EH	224	1	3	MWF	9:40	AN	212	Murphree, A. A.	Masterpieces of World Literature
EH	224	2	3	MWF	2:40	AN	212	Murphree, A. A.	
EH	301		3	F	7:00-9:30 PM	AN	210	Herbert, T. W.	Shakespeare
EH	302		3	TThS	10:40	AN	210	Robertson, C. A.	Shakespeare
EH	304		3	MWF	1:40	AN	212	Stryker, D.	English Literature of the 19th Century
EH	305		3	MWF	8:40	AN	210	Pyles, T.	Introduction to the Study of the English Language
EH	306		3	T	7:00-9:30 PM	AN	210	Cox, E. H.	Modern English Grammar
EH	307		3	M	7:00-9:30 PM	AN	210	Morris, A. C.	English and Scottish Popular Ballads
EH	310		2	TTh	8:40	AN	210	Warfel, H. R.	The American Novel to 1920
EH	312		2	TTh	9:40	AN	210	Baughan, D. E.	Exposition
EH	328	1	2	Th#	1:40	AN	2	Lytle, A. N.	Imaginative Writing
EH	328	2	2	Th#	2:40	AN	2	Lytle, A. N.	

Students taking EH-355 will register for one lecture (Section 1 or 2) and one discussion (Section 11, 12, 13, or 14).

EH	355	1	.....	T	7:40	FL	108	Clark, W. A.	Business English
EH	355	2	.....	T	12:40	FL	108	Clark, W. A.	
EH	355	11	3	WF	7:40	AN	212	Clark, W. A.	
EH	355	12	3	WF	7:40	AN	2	Penrod, J. A.	
EH	355	13	3	WF	12:40	AN	212	Clark, W. A.	
EH	355	14	3	WF	12:40	AN	2	Baughan, D. E.	
EH	362		3	MWF	7:40	AN	210	Ruff, W.	The Novel

One hour to arrange.

(Continued on Next Page)

ENGLISH—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
EH	363		3	MWF	10:40	AN	2	Stryker, D.	Contemporary Literature: Drama
EH	365		3	MWF	11:40	AN	210	Mounts, C. E.	Contemporary Literature: Fiction
EH	391		3	M	7:00-9:30 PM	AN	212	Gehan, F. E.	Children's Literature
EH	399		3	MWF	9:40	AN	210	Herbert, T. W.	Introduction to the Study of Literature
EH	401		3	S	8:40-11:30	AN	212	Fain, J. T.	American Literature
EH	402		3	MWF	10:40	AN	212	Warfel, H. R.	American Literature
EH	405		3	TThS	9:40	AN	2	Patrick, J. M.	Drama of the Restoration & Eighteenth Century
EH	414		3	TThS	11:40	AN	210	Patrick, J. M.	The Renaissance in England
EH	417		3	MWF	2:40	AN	2	Mounts, C. E.	Spenser
EH	422		3	Th	7:00-9:30 PM	AN	210	Conner, F. W.	American Poetry from Whitman to Edwin Arlington Robinson
EH	428		3	T#	1:40-3:30	AN	2	Lytle, A. N.	The Craft of Writing
EH	434		3	MWF	8:40	AN	2	Congleton, J. E.	English Literature of the 18th Century
EH	444		3	MWF	11:40	AN	212	Morris, A. C.	The English Romantic Period
EH	505		3	TThS	9:40	AN	2	Patrick, J. M.	Drama of the Restoration and Eighteenth Century
EH	510		3	MWF	9:40	LI	404	Pyles, T.	Chaucer
EH	512		3	TThS	8:40	LI	404	Pyles, T.	Middle English
EH	514		3	TThS	11:40	AN	210	Patrick, J. M.	The Renaissance in England
EH	517		3	MWF	2:40	AN	2	Mounts, C. E.	Spenser
EH	529		1	T	3:40-5:30	LI	404	Bowers, R. H.	Graduate Seminar
EH	530		*	To Arrange				Staff	Individual Work
EH	534		3	MWF	8:40	AN	2	Congleton, J. E.	English Literature of the 18th Century
EH	541		3	TThS	10:40	AN	2	Pyles, T.	Bewoulf
EH	544		3	MWF	11:40	AN	212	Morris, A. C.	The English Romantic Period

One hour to arrange.
*Variable. Credit assigned must be shown on the registration blank.

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
EH	561		3	TTh	1:40	LI	404	Herbert, T. W.	Studies in Shakespeare
				T	2:40	LI	404		
EH	564		3	To Arrange		LI	404	Oras, A.	English Literature of the Seventeenth Century
EH	566		3	MWF	3:40	LI	404	Oras, A.	Literary Criticism, Historical and Analytical
EH	571		3	To Arrange		LI	407	Kirkland, E. C.	Studies in Victorian Literature
EH	586		3	M	7:00-9:30 PM	LI	404	Warfel, H. R.	American Fiction from 1860 to 1920
EH	588		3	T	7:00-9:30 PM	LI	404	Conner, F. W.	American Poetry from 1890 to the Present

ENTOMOLOGY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking EY-301 will register for one lecture (Section 1, 2, 3, or 4) and one laboratory (Section 11, 12, 13, 14, 15, 16, or 17).									
EY	301	1	3	MW	8:40	FL	308		Economic Entomology
EY	301	2	3	MW	10:40	FL	308		
EY	301	3	3	TTh	7:40	FL	308		
EY	301	4	3	TTh	10:40	FL	308		
EY	301	11		M	3:40-5:30	FL	306		
EY	301	12		T	10:40-12:30	FL	306		
EY	301	13		T	1:40-3:30	FL	306		
EY	301	14		T	3:40-5:30	FL	306		
EY	301	15		Th	10:40-12:30	FL	306		
EY	301	16		F	8:40-10:30	FL	306		
EY	301	17		F	1:40-3:30	FL	306		
EY	303		1	Th	3:40-5:30	FL	308		Insect Collection
EY	305		*	M	10:40	FL	308.1		Problems in Entomology
EY	311	1	1	M	8:40	FL	306		Entomology Seminar
EY	311	2	1	M	3:40	FL	308		

*Variable credit assigned must be shown on registration blank.

(Continued on Next Page)

ENTOMOLOGY—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
EY	311	3	1	T	1:40	FL	308		
EY	311	4	1	W	8:40	FL	306		
EY	411		2	T	11:40	FL	308		Apiculture (An Introduction to Bee Culture)
				T	1:40-3:30				
EY	432		3	TTh	8:40	FL	308		Florida Fruit and Vegetable Insects
				Th	1:40-3:30	FL	306		
EY	441		3	MW	9:40	FL	308		Plant Quarantine, Inspection and Control
				M	1:40-3:30	FL	306		
EY	460	1	2	WF	10:40-12:30	FL	306		Insect Identification
EY	460	2	2	WF	3:40-5:30	FL	306		
EY	470		2	T	9:40	FL	308		The Experimental Method
				W	1:40-3:30	FL	306		
EY	501		3	T	9:40	FL	306		Methods of Research in Entomology
				WF	1:40-3:30	FL	308.1		
EY	503		*	M	10:40	FL	308.2		Problems in Entomology
EY	507		3	Th**	3:40-5:30	FL	308.2		Advanced Insect Taxonomy
EY	511		3	M**	10:40	FL	308.2		Entomological Research
EY	513		3	M**	10:40	FL	308.2		Advanced Morphology and Physiology
EY	516		3	M**	10:40	FL	308.2		Advanced Insect Ecology

*Variable. Credit assigned must be shown on registration blank.
**Other hours to be arranged.

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
FY	220	1	2	MW	8:40	K	215	Dickinson, J. E.	Introduction to Forestry
FY	220	2	2	TTh	8:40	K	111	Willingham, J. W.	

Students taking FY-226 will register for one lecture (Section 1, 2, or 3) and one laboratory (Section 11, 12 or 13).

FY	226	1	3	TTh	8:40	K	215	Brush, W. D.	Dendrology of the Angiosperms
FY	226	2	3	TTh	9:40	K	215	Brush, W. D.	
FY	226	3	3	TTh	10:40	K	215	Brush, W. D.	
FY	226	11		M	1:40-4:30	K	215		
FY	226	12		T	1:40-4:30	K	215		
FY	226	13		W	1:40-4:30	K	215		

Students taking FY-228 will register for one lecture (Section 1, 2 or 3) and one laboratory (Section 11, 12 or 13).

FY	228	1	3	MW	8:40	WO		Ralston, C. W.	Forest Mensuration
FY	228	2	3	MW	9:40	WO		Ralston, C. W.	
FY	228	3	3	MW	10:40	WO		Ralston, C. W.	
FY	228	11		T	1:40-4:30	WO			
FY	228	12		F	1:40-4:30	WO			
FY	228	13		W	1:40-4:30	WO			

Students taking FY-309 will register for one lecture (Section 1 or 2) and one laboratory (Section 11 or 12).

FY	309	1	3	MW	9:40	K	215	Smith, R. B.	Wood Technology
FY	309	2	3	MW	10:40	K	215	Smith, R. B.	
FY	309	11		F	1:40-4:30	K	215		
FY	309	12		Th	1:40-4:30	K	215		

Students taking FY-310 will register for one lecture (Section 1 or 2) and one laboratory (Section 11 or 12).

FY	310	1	3	MW	10:40	K	111	Dickinson, J. E.	Reforestation and Nursery Practice
FY	310	2	3	MW	9:40	HT	410	Dickinson, J. E.	
FY	310	11		M	1:40-5:30	Field			
FY	310	12		W	1:40-5:30	Field			

Students taking FY-313 will register for one lecture (Section 1 or 2) and one laboratory (Section 11 or 12).

FY	313	1	3	MW	11:40	HT	410	Frazer, P. W.	Farm Forestry
FY	313	2	3	TTh	11:40	HT	410	Frazer, P. W.	

(Continued on Next Page)

FORESTRY—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
FY	313	11		W	3:40-5:30	HT	410		
FY	313	12		M	3:40-5:30	HT	410		
Students taking FY-320 will register for one lecture (Section 1 or 2) and one laboratory (Section 11 or 12).									
FY	320	1	3	TTh	4:40	HT	410	Geltz C. G.	Silviculture
FY	320	2	3	TF	3:40	HT	410	Geltz, C. G.	
FY	320	11		Th	8:40-12:30	Field			
FY	320	12		M	1:40-5:30	Field			
FY	351		3	To arrange				Geltz. C. G.	Forest Conservation
FY	353		3	MWF	11:40	K	111	Beckwith S. L.	Principles of Wildlife Management
FY	354		3	M	7:40	K	111	Beckwith S. L.	Techniques of Wildlife Management
				S	7:40-12:30	K	111		
FY	410	1	2	MW	7:40	HT	410	Frazer, P. W.	Forest History and Policy
FY	410	2	2	TTh	7:40	HT	410	Frazer, P. W.	
FY	412	1	1	F	8:40	HT	409	Smith, R. B.	Seminar
FY	412	2	1	W	8:40	K	111	Smith, R. B.	
FY	412	3	1	Th	9:40	HT	410	Herndon, T. G.	
FY	412	4	1	F	8:40	K	111	Herndon, T. G.	
FY	414		3	T	7:40	K	111	Willingham, J. W.	Wood Preservation and Seasoning
				F	1:40-5:30	K	111		
Students taking FY-416 will register for one lecture (Section 1 or 2) and one laboratory (Section 11 or 12).									
FY	416	1	3	W	8:40	HT	409	Herndon, T. G.	Forest Management Working Plans
FY	416	2	3	F	10:40	K	111	Herndon, T. G.	
FY	416	11		M	1:40-6:30	HT	409		
FY	416	12		W	1:40-6:30	K	111		
FY	418		3	MWF	8:40	HT	410	Miller, J. W.	Logging and Lumbering
FY	420		3	MWF	9:40	K	111	Ziegler, E. A.	Forest Economics and Administration
FY	431		*	To arrange		HT	401	Staff	Forest Problems Seminar
FY	435		3	F	7:40	K	111	Beckwith, S. L.	Applied Wildlife Management
				Th	1:40-6:30	K	111		
FY	446		3	To arrange				Willingham, J. W.	Forest Photogrammetry

*Variable. Credit assigned must be shown on registration blank.

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
FY	502		*	To arrange				Geltz, C. G. Ralston, C. W.	Research Problems in Silverculture
FY	503		*	To arrange				Miller, J. W. Smith, R. B. Ziegler, E. A.	Research Problems in Wood Utilization
FY	504		*	To arrange				Herndon, T. G. Ziegler, E. A.	Research Problems in Forest Economics and Management
FY	505		3	To arrange				Beckwith, S. L.	Research Methods in Wildlife Management
FY	506		*	To arrange				Beckwith, S. L.	Research Problems in Wildlife Management

*Variable. Credit assigned must be shown on registratin blank.

FRENCH

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
FH	33		3	MWF	12:40	AN	6	Kurth, A. L.	First-Year French
FH	34	1	3	MWF	11:40	AN	9	Wallace, M. J.	First-Year French
FH	34	2	3	MWF	10:40	AN	4	Capretz, P. J.	
FH	34	3	3	TThS	9:40	AN	18	Capretz, P. J.	
FH	34	4	3	TTh	10:40	AN	4	Capretz, P. J.	
				Th	11:40				
FH	201		3	TThS	8:40	AN	6	Wallace, M. J.	Second-Year French
FH	202	1	3	MWF	9:40	AN	6	Wallace, M. J.	Second-Year French
FH	202	2	3	MWF	8:40	AN	6	Kurth, A. L.	
FH	202	3	3	MWF	2:40	AN	18	Capretz, P. J.	
FH	205		6	Daily	7:40	AN	5	Brunet, J.	Second-Year French
FH	306		3	MWF	11:40	AN	6	Capretz, P. J.	Composition and Conversation
FH	308		3	MWF	12:40	AN	7	Wallace, M. J.	Masters of French Literature
FH	404		3	MWF	2:40	AN	7	Kurth, A. L.	French Literature, 1850-1900
FH	430		*	To Arrange		AN	3-C	Brunet, J.	Individual Work
FH	518		3	TThS	8:40	LI	408	Kurth, A. L.	Old French
FH	530		*	To Arrange		AN	3-C	Brunet, J.	Individual Work

*Variable. Credit assigned must be shown on the registration blank.

GENERAL SCIENCE

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
GL	301		2	M	3:40-6:00	YN	142	Tison, J. P.	Children's Science
GL	302		2	T	3:40-6:00	YN	142	Bingham, N. E.	Children's Science

GEOGRAPHY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
GPY	204		3	MWF	8:40	B	114	Pierson, Wm. H.	Elements of World Geography II
GPY	305		3	MWF	9:40	B	114	Diettrich, S. de R.	Geography of Florida
GPY	312		3	MWF	10:40	B	114	Cross, Clark I.	Plant and Animal Geography
GPY	317		3	MWF	8:40	B	115	Dunkle, J. R.	Principles of Global Geography
GPY	330		3	TTh	10:40	B	115	Pierson, Wm. H.	Maps, Charts, Graphs
				T	1:40-3:40	B	115		
GPY	354		3	MWF	11:40	B	114	Dyer, D. R.	Urban Geography
GPY	405		3	To arrange		B	114	Dunkle, J. R.	Advanced Regional Geography
GPY	430		3	To arrange		B	110	Pierson, Wm. H.	Advanced Cartography
GPY	436		3	TThS	9:40	B	115	Dunkle, J. R.	Historical Geography of the United States
GPY	449		3	MWF	10:40	B	115	Day, R. L.	Geography of Africa, Australia and Oceania
GPY	551		3	To arrange		B	114	Dyer, D. R.	Population Geography
GPY	581		*	To arrange		OF	7	Dyer, D. R.	Readings in Geography
GPY	590		3	To arrange		B	115	Diettrich, S. de R.	Thesis Seminar

*Variable. Credit assigned must be shown on the registration blank.

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking GY-203 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
GY	203	1	3	TTh	9:40	B	114	Rappenecker, C.	Elements of Physical Geology
GY	203	11	..	T	10:40-12:30	B	102		
GY	203	12	..	Th	10:40-12:30	B	102		
GY	204	.....	3	TTh	8:40	B	104	Edwards, R. A.	Elements of Historical Geology
				Th	9:40-11:30	B	104		
Students taking GY-210 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
GY	210	1	3	TTh	1:40	B	114	Edwards, R. A.	Engineering Geology
GY	210	11	..	M	2:40-5:30	B	102		
GY	210	12	..	W	2:40-5:30	B	102		
GY	309	.....	3	MWF	9:40	B	102	Rappenecker, C.	Structural Geology
GY	321	.....	3	MW	10:40	B	104	Edwards, R. A.	Elementary Paleontology
				T	2:40-4:30	B	104		
GY	340	.....	2	MW	2:40-4:30	B	104	Rappenecker, C.	Interpretation of Geologic Maps
GY	413	.....	3	MWF	8:40	B	104	Pirkle, E. C.	Economic Geology—Metals

GERMAN

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
GN	33	1	3	MWF	10:40	AN	9	Jones, O. F.	First-Year German
GN	33	2	3	MWF	12:40	AN	9	Mauderli, M. O.	
GN	33	3	3	MWF	11:40	AN	4	Runzler, W. T.	
GN	34	1	3	MWF	8:40	AN	4	Mauderli, M. O.	First-Year German
GN	34	2	3	TTh	10:40	AN	6	Mauderli, M. O.	
				Th	11:40				
GN	34	3	3	MWF	10:40	AN	18	Valk, M. E.	
GN	34	4	3	MWF	12:40	AN	18	Jones, O. F.	
GN	35		6	Daily	8:40	AN	5	Jones, O. F. Valk, M. E.	First-Year German

(Continued on Next Page)

GERMAN—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
GN	201		3	TThS	9:40	AN	4	Mauderli, M. O.	Second-Year German
GN	202	1	3	MWF	10:40	AN	7	Mauderli, M. O.	
GN	202	2	3	MWF	1:40	AN	7	Valk, M. E.	
GN	205		6	Daily	7:40	AN	4	Jones, O. F.	Second-Year German
GN	304		3	MWF	8:40	AN	7	Morgan, B. Q.	History of German Literature
GN	311		2	TTh	9:40	AN	7	Runzler, W. T.	History of German Civilization
GN	314		3	MWF	12:40	AN	4	Valk, M. E.	Conversation and Composition
GN	325		3	TThS	8:40	AN	18	Runzler, W. T.	Scientific German
GN	404		3	MWF	9:40	AN	4	Morgan, B. Q.	The German Classical Period
GN	430		*	To Arrange		AN	3-B	Valk, M. E.	Individual Work
GN	407		3	MWF	1:40	LI	408	Morgan, B. Q.	Modern German Literature
GN	530		*	To Arrange		AN	3-B	Jones, O. F.	Individual Work

*Variable Credit. Credit assigned must be shown on the registration blank.

GREEK

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
GK	34		3	MWF	9:40	AN	11	Aratowsky, B.	First-Year Greek
GK	105		2	TTh	11:40	AN	9	Aratowsky, B.	Greek Element in English
GK	202		3	MWF	10:40	AN	11	Aratowsky, B.	Second-Year Greek
GK	430		*	To Arrange		AN	11	Aratowsky, B.	Individual Work

*Variable. Credit assigned must be shown on the registration blank.

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
HY	240	1	3	MWF	8:40	PE	114	Hanna, P. L.	Modern World History
HY	240	2	3	MWF	12:40	PE	114	Hammond, E. A.	
HY	241	1	4	MTWF	1:40	PE	114	Reynolds, J. H.	Modern World History
HY	241	2	4	MTWF	9:40	PE	114	Payne, A. N.	
HY	245		3	MWF	2:40	PE	112	Baringer, W. E.	Survey of American History
HY	246	1	3	MWF	9:40	PE	112	Glunt, J. D.	Survey of American History
HY	246	2	3	MWF	10:40	PE	112	Thompson, A. W.	
HY	246	3	3	TThS	8:40	PE	114	Payne, A. N.	
HY	304		3	TThS	10:40	PE	112	Osborn, G. C.	American History, 1876 to the Present
HY	308		3	MWF	10:40	PE	114	Glunt, J. D.	The Renaissance and Reformation
HY	314		3	TThS	10:40	PE	114	Glunt, J. D.	Europe During the Middle Ages
HY	310		3	TTh	10:40	PE	109	Dowd, D. L.	Napoleonic Era
				Th	11:40	PE	109		
HY	351		3	MWF	12:40	PE	112	McAlister, L. N.	Florida History, 1492-1860
HY	352	1	3	MWF	1:40	PE	112	Proctor, S.	Florida History, 1860-1950
HY	352	2	3	M	7:30-10:00 PM	PE	112	Patrick, R. W.	
HY	352	3	3	TThS	9:40	PE	112	Patrick, R. W.	
HY	362		3	MWF	8:40	PE	109	Payne, A. N.	General Survey of English History
HY	364		3	TThS	8:40	PE	109	Worcester, D. E.	Survey of Latin American History
HY	373		3	MWF	10:40	PE	109	McAlister, L. N.	Mexico and the Caribbean Area
HY	376		3	MWF	9:40	PE	109	Worcester, D. E.	Andean Republics
HY	402		3	MWF	11:40	PE	114	Groth, J. H.	Ancient Civilizations
HY	406		3	MWF	1:40	PE	109	Harrison, J. A.	Modern Far East
HY	431		3	Th	7:30-10:00 PM	PE	112	Bentley, G. R.	The New South
HY	444		3	MWF	11:40	PE	109	Harrison, J. A.	Russian History
HY	445		3	MWF	12:40	PE	109	Dowd, D. L.	French History
HY	462		3	MWF	2:40	PE	114	Hanna, P. L.	British Empire and Commonwealth
HY	504		3	TThS	10:40	PE	112	Osborn, G. C.	American History, 1876 to the Present

(Continued on Next Page)

HISTORY—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
HY	508		3	MWF	10:40	PE	114	Glunt, J. D.	The Renaissance and Reformation
HY	510		3	T	1:40-4:30	LI	418	Patrick, R. W.	Seminar in American History
HY	520		3	TTh	10:40	PE	109	Dowd, D. L.	Napoleonic Era
				Th	11:40	PE	109		
HY	522		3	MWF	11:40	PE	114	Groth, J. H.	Ancient Civilizations
HY	531		3	Th	7:30-10:00 PM	PE	112	Bentley, G.	The New South
HY	544		3	MWF	11:40	PE	109	Harrison, J. A.	Russian History
HY	562		3	MWF	2:40	PE	114	Hanna, P. L.	British Empire and Commonwealth
HY	573		3	MWF	10:40	PE	109	McAlister, L. N.	Mexico and the Caribbean Area
HY	576		3	MWF	9:40	PE	109	Worcester, D. E.	Andean Republics
HY	582		3	M	7:30-10:00 PM	LI	418	Dowd, D. L.	Seminar in Modern Europe
HY	588		3	T	7:30-10:00 PM	LI	418	Worcester, D. E.	Seminar in Latin America

HORTICULTURE

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
HE	201		3	TTh	8:40	FL	209	Wolfe, H. S.	Principles of Horticulture
				F	1:40-3:30	FL	209		

Students taking HE-312 will register for the lecture (Section 1) and one laboratory (Section 11, 12, 13).

HE	312	1	3	TTh	9:40	FL	108	Stout, G. J.	Vegetable Gardening
HE	312	11		M	3:40-5:30	VG			
HE	312	12		T	3:40-5:30	VG			
HE	312	13		Th	3:40-5:30	VG			

Students taking HE-341 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).

HE	341	1	3	TTh	10:40	FL	108	Ziegler, L. W.	Citrus Growing
HE	341	11		W	1:40-3:30	FL	209		
HE	341	12		W	3:40-5:30	FL	209		

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
HE	352		3	MW	10:40	FL	102	Brooks, J. H.	Basic Floriculture
				T	1:40-3:30	GH			
HE	412		3	WF	8:40	FL	209	Wolfe, H. S.	Deciduous Fruits
				T	3:40-5:30	FL	209		
HE	420		3	MW	9:40	FL	209	Watkins, J. V.	Nursery Operations
				M	1:40-3:30	GH			
HE	422		3	TTh	11:40	FL	209	Stout, G. J.	Commercial Truck Crops
				F	1:40-3:30	VG			
HE	424		3	MWF	10:40	FL	209	Wolfe, H. S.	Minor Tropical Fruits
HE	429		3	T	9:40	FL	209	Watkins, J. V.	Ornamental Horticulture
				TTh	1:40-3:30	GH			
HE	430		3	Th	9:40	FL	209	Watkins, J. V.	Advanced Ornamental Horticulture
				WF	1:40-3:30	GH			
HE	432		3	M	8:40	FL	209	Stout, G. J.	Food Technology
				W	1:40-5:30	VL			

Students taking HE-434 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).

HE	434	1	3	MW	8:40	FL	102	Brooks, J. H.	Flower Shop
HE	434	11		Th	1:40-3:30	GH			
HE	434	12		Th	3:40-5:30	GH			

Students taking HE-436 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).

HE	436	1	3	TTh	8:40	FL	108	Ziegler, L. W.	Citrus Culture
HE	436	11		M	1:40-3:30	FL	209		
HE	436	12		M	3:40-5:30	FL	209		
HE	442		3	TTh	10:40	FL	209	Brooks, J. H.	Commercial Floriculture
				F	1:40-3:30	GH			
HE	503		1	F	11:40	FL	209	Stout, G. J.	Horticulture Seminar
HE	520		3	MW	11:40	FL	209	Ziegler, L. W.	Advanced Citrus
				T	1:40-3:30	FL	209		
HE	570		*	To arrange				Staff	Research

*Variable. Credit assigned must be shown on registration blank.

INDUSTRIAL ARTS EDUCATION

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
IN	101		3	MWF	3:40-5:30	YN	20	Neubauer, G. W.	Introduction to Industrial Arts
IN	102	1	3	MWF	1:40-3:30	YN	20	Neubauer, G. W.	Elementary Woodwork
IN	102	2	3	S	9:40-12:30 1:40-4:30	YN	20	Neubauer, G. W.	
IN	103		3	MWF	8:40-10:30	YN	301	Strickland, T. W.	Elementary Mechanical Drawing
IN	104		3	MWF	10:40-12:30	YN	301	Strickland, T. W.	Advanced Mechanical Drawing
IN	211		3	MWF	10:40-12:30	YN	22	Bergengren, R. F.	General Bench Metals
IN	303		3	MWF	10:40-12:30	YN	20	Neubauer, G. W.	Machine Woodwork
IN	305		3	MWF	8:40-10:30	YN	20	Neubauer, G. W.	Design and Construction in Woods
IN	312		3	TThS	8:40-10:30	YN	301	Bergengren, R. F.	Elementary School Handicrafts
IN	313		3	TThS	10:40-12:30	YN	301	Bergengren, R. F.	Handicrafts
IN	314		3	MWF	8:40-10:30	YN	22	Bergengren, R. F.	Art Metal Design and Construction
IN	364		3	MWF	1:40	YN	301	Bergengren, R. F.	Laboratory Planning and Maintenance
IN	402		3	MWF	1:40-3:30	YN	301	Strickland, T. W.	Problems in Architectural Drawing
IN	416		3	MWF	3:40-5:30	YN	301	Meyer, H. K.	Crafts Problems
IN	422		3	MWF	3:40-5:30	YN	22	Strickland, T. W.	Machine Shop Practice
IN	524		3	Th	7:00-9:30 PM	YN	302	Williams, W. R.	Problems in Industrial Arts and Vocational Education
IN	534		3	T	7:00-9:30 PM	YN	304	Meyer, H. K.	Handicrafts Seminar

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
IG	321		3	MWF	8:40	EI	319		Work Simplification and Standardization
IG	322		3	MWF	9:40	EI	319		Plant Development and Operation
IG	370	1	2	TTh	10:40	EI	319		Job Evaluation
IG	370	2	2	TTh	11:40	EI	319		
IG	460		3	MWF	9:40	EI	346		Engineering Economic Analysis
IG	463	1	3	MWF	9:40	EI	331		Specification, Engineering Relations and Safety
IG	463	2	3	MWF	10:40	EI	331		
IG	463	3	3	MWF	1:40	EI	331		
IG	463	4	3	TThS	9:40	EI	331		
IG	469		4	MWF	11:40	EI	319		Plant Location and Layout
				W	2:40-5:30	EI	319		

Students taking IG-470 will register for one lecture (Section 1 or 2) and one laboratory (Section 11 or 12).

IG	470	1	4	MWF	1:40	EI	319		Plant Location and Layout
IG	470	2	4	MWF	10:40	EI	319		
IG	470	11		F	2:40-5:30	EI	319		
IG	470	12		F	2:40-5:30	EI	312		
IG	472	1	2	TTh	10:40	EI	331		Human Engineering
IG	472	2	2	TTh	1:40	EI	331		

Students taking IG-477 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).

IG	477	1	3	TTh	8:40	EI	319		Motion and Time Study
IG	477	11		T	2:40-5:30	EI	319		
IG	477	12		Th	2:40-5:30	EI	319		
IG	479		1	T	1:40	EI	346		Industrial Engineering Seminar
IG	562		3	To arrange					Advanced Shop Layout and Design
IG	564		3	To arrange					Management Training

INTERIOR DESIGN

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
IR	301		3	MWF	1:40-3:30	E	177		Constructional Design I
IR	302		3	MWF	1:40-3:30	E	177		Constructional Design II
IR	371		3	MWF	8:40-10:30	E	177		Interior Design I
IR	372		6	MWF	8:40-12:30	E	177		Interior Design II
IR	471		3	MWF 3 hours to arrange	8:40	E	177		Interior Design, Group I
IR	472		3	MWF 3 hours to arrange	9:40	E	177		Interior Design, Group I
IR	473		3	MWF 3 hours to arrange	10:40	E	177		Interior Design, Group I
IR	474		3	MWF 3 hours to arrange	11:40	E	177		Interior Design, Group I
IR	475		3	MWF 3 hours to arrange	8:40	E	177		Interior Design, Group II
IR	476		3	MWF 3 hours to arrange	9:40	E	177		Interior Design, Group II
IR	477		3	MWF 3 hours to arrange	10:40	E	177		Interior Design, Group II
IR	478		3	MWF 3 hours to arrange	11:40	E	177		Interior Design, Group II

ITALIAN

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
ITN	202		3	MWF	11:40	AN	7	Kurth, A. L.	Second-Year Italian

JOURNALISM

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
JM	216	1	2	TTh	7:40	K	205	Lowry, W. L.	Principles of Journalism
JM	216	2	2	TTh	9:40	K	205	Lowry, W. L.	
Students taking JM-301 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
JM	301	1	3	MW	1:40	K	205	Jones, J. P.	Elementary Reporting
JM	301	11		M	2:40-5:30	K	103	Jones, J. P.	
JM	301	12		W	2:40-5:30	K	103	Jones, J. P.	
Students taking JM-315 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
JM	315	1	3	MW	8:40	K	205	Lowry, W. L.	Typography
JM	315	11		M	2:40-5:30	K	101	Lowry, W. L.	
JM	315	12		W	2:40-5:30	K	101	Lowry, W. L.	
JM	318		3	MWF	9:40	K	103	Lowry, W. L.	Newspaper Management
JM	402		3	T	8:40	K	103	Jones, J .P.	Radio Advertising
				ThS	8:40-10:30	K	103		
JM	404		3	M	11:40	K	205	Lowry, W. L.	Newspaper and Magazine Illustration
				T	1:40-5:30	K	103		
JM	406		3	TTh	10:40	K	205	Jones, J. P.	Radio News Writing
				F	1:40-4:30	K	103		
JM	408		3	MWF	9:40	K	205	Emig, E. J.	Public Opinion
JM	413		3	T	9:40	K	103	Weimer, R. O.	Allied Journalism
				9 hours to arrange					
JM	421		4	MW	10:40	K	103	Weimer, R. O.	Advanced Editing
				T	1:40-5:30	K	103		
JM	504		3	To arrange		K	205	Emig, E. J.	Special Studies in Newspaper Production
JM	506		3	To arrange		K	205	Emig, E. J.	Public Opinion
JM	512		3	To arrange		K	205	Emig, E. J.	History of Journalism

LANDSCAPE ARCHITECTURE

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
LAE	301		3	(		(E	180		Projects in Landscape Architecture, Group 1
LAE	302		3	(MTWThF	8:40-11:30	(E	180		
LAE	303		3	(T	1:40-4:30	(E	180		
LAE	304		3	(		(E	180		
LAE	311		3	(		(E	180		Projects in Landscape Architecture, Group 2
LAE	312		3	(MTWThF	8:40-11:30	(E	180		
LAE	313		3	(T	1:40-4:30	(E	180		
LAE	314		3	(		(E	180		
LAE	401		3	(		(E	180		Projects in Landscape Architecture, Group 3
LAE	402		3	(MTWThF	8:40-11:30	(E	180		
LAE	403		3	(T	1:40-4:30	(E	180		
LAE	404		3	(		(E	180		
LAE	411		3	(		(E	180		Projects in Landscape Architecture, Group 4
LAE	412		3	(MTWThF	8:40-11:30	(E	180		
LAE	413		3	(T	1:40-4:30	(E	180		
LAE	414		3	(		(E	180		

LATIN

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
LN	34		3	MWF	8:40	AN	11	Aratowsky, B.	First-Year Latin
LN	202		3	M	2:40	AN	11	Aratowsky, B.	Second-Year Latin
				TTh	8:40				
LN	430		*	To Arrange		AN	11	Aratowsky, B.	Individual Work

*Variable. Credit assigned must be shown on the registration blank.

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
LW	300	1	2	MT	10:40	LW	201	Macdonald, W. D.	Equity I
LW	300	2	2	MT	8:40	LW	203	Macdonald, W. D.	
LW	303		3	ThFS	9:40	LW	201	Fenn, Henry A.	Contracts I
LW	304	1	3	MTW	12:40	LW	104	Mautz, R. B.	Contracts II
LW	304	2	3	MTW	2:40	LW	104	Mautz, R. B.	
LW	306		2	ThF	11:40	LW	201	Krastin, K.	Domestic Relations
LW	308		3	MTW	10:40	LW	120	Yonge, P. K.	Procedure I
LW	309		2	ThF	11:40	LW	203	Delony, D.	Property I
LW	312	1	2	MT	8:40	LW	104	Day, J. W.	Property II
LW	312	2	2	MT	10:40	LW	104	Day, J. W.	
LW	321		2	MT	1:40	LW	201	Tomlin, R. F.	Torts I
LW	322	1	2	ThF	10:40	LW	203	Tomlin, R. F.	Torts II
LW	322	2	2	ThF	8:40	LW	203	Tomlin, R. F.	
LW	325		2	MT	8:40	LW	201	Clark, V. W.	Criminal Law and Procedure I
LW	326	1	2	ThF	8:40	LW	120	Clark, V. W.	Criminal Law and Procedure II
LW	326	2	2	ThF	10:40	LW	120	Clark, V. W.	
LW	330	1	2	ThF	2:40	LW	104	Stephens, R. B.	Administrative Process
LW	330	2	2	ThF	12:40	LW	120	Stephens, R. B.	
LW	401	1	2	MT	2:40	LW	201	Miller, G. J.	U. S. Constitutional Law I
LW	401	2	2	MT	12:40	LW	203	Miller, G. J.	
LW	402		4	WThFS	9:40	LW	104	TeSelle, C. J.	Evidence
LW	403		2	ThF	11:40	LW	104	Mautz, R. B.	Agency
LW	405		2	WTh	12:40	LW	203	Hunter, W. A.	Equity Pleading
LW	406		4	WThFS	10:40	LW	201	Slagle, D.	Private Corporations
LW	407		2	WF	2:40	LW	203	Cone, A. J.	Legal Bibliography
LW	408		1	M	2:40	LW	203	Krastin, K.	Legal Ethics
LW	411		2	MT	1:40	LW	203	Cone, A. J.	Florida Constitutional Law
LW	413		3	ThFS	8:40	LW	104	Yonge, P. K.	Procedure II
LW	415		2	WTh	7:40	LW	120	Day, J. W.	Abstracts
LW	416		2	MT	10:40	LW	203	Black, K. L.	Insurance
LW	418		3	MTW	11:40	LW	104	Clark and Stephens	Taxation
LW	433		3	ThFS	8:40	LW	201	Scoles, E. F.	Estates and Trusts I
LW	434		3	MTW	11:40	LW	201	Scoles, E. F.	Fiduciary Administration I
LW	502		2	MT	11:40	LW	203	Tomlin, R. F.	Damages

(Continued on Next Page)

LAW—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
LW	503		3	MTW	9:40	LW	120	Slagle, D.	Public Utilities
LW	504		2	ThF	12:40	LW	104	Cone, A. J.	Municipal Corporations
LW	506		3	WThF	9:40	LW	203	Delony, D.	Negotiable Instruments
LW	509		2	MT	9:40	LW	104	Delony, D.	Sales
LW	513		3	WThF	11:40	LW	120	Day, J. W.	Future Interests
LW	516	1	2	T	7:00-10:00 PM	LW	120	Hunter, W. A.	Practice Court
LW	516	2	2	Th	7:00-10:00 PM	LW	120	Hunter, W. A.	
LW	519		3	WThF	10:40	LW	104	TeSelle, C. J.	Trial Practice
LW	520		3	MTW	9:40	LW	201	Krastin, K.	Creditors' Rights
LW	535		2	MT	9:40	LW	203	Stephens, R. B.	Federal Taxation
LW	536		3	TWTh	12:40	LW	201	Macdonald, W. D.	Security Transactions
LW	537		2	MT	3:40	LW	104	Black, K. L.	Office Practice
LW	538		1	Alt. T	8:00-9:50 PM	LW	201	Miller, G. J.	Seminar in Legal Philosophy
LW	539		2	WF	2:40	LW	201	Black, K. L.	Estate Planning
LW	546		2	WF	3:40	LW	203	Miller and Cone	Seminar in Legislative Drafting
LW	590		1	To arrange				Miller and Mautz	Law Review
LW	601		6	To arrange				Scoles and others	Legal Research

*Variable. Credit assigned must be shown on the registration blank.

LIBRARY SCIENCE

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
LY	304		3	MWF	12:40	LY	454	M. A. Youngs	Organization of Library Materials
LY	306		2	TTh	8:40	LY	454	R. T. Grazier	History of Books and Printing
LY	402		2	MW	10:40	LY	454	R. T. Grazier	Library Materials for the Social Sciences and the Humanities
LY	404		2	TTh	11:40	LY	454	R. R. Dickison	Library Materials for Science and Technology

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
MS	105	1	4	MWThF	7:40	PE	11		Basic Mathematics
MS	105	2	4	MTWF	8:40	PE	11		
MS	105	3	4	MWThF	9:40	PE	11		
MS	105	4	4	MTWF	10:40	PE	11		
MS	105	5	4	MWThF	11:40	PE	11		
MS	105	6	4	MTWF	12:40	PE	11		
MS	105	7	4	MTWTh	12:40	WA	213		
MS	105	8	4	MTWF	1:40	PE	11		
MS	105	9	4	MTWF	1:40	WA	211		
MS	105	10	4	MTWF	2:40	PE	11		
MS	105	11	4	MTWF	2:40	WA	213		
MS	105	12	4	MTWF	3:40	PE	102		
MS	105	13	4	MTWF	3:40	PE	11		
MS	105	14	4	MTWTh	4:40	PE	11		
MS	106	1	4	MWThF	7:40	PE	101		Basic Mathematics
MS	106	2	4	MTWF	7:40	PE	102		
MS	106	3	4	MWThF	8:40	PE	101		
MS	106	4	4	MTWF	8:40	PE	102		
MS	106	5	4	MWThF	9:40	PE	101		
MS	106	6	4	MTWF	9:40	PE	102		
MS	106	7	4	MWThF	10:40	PE	101		
MS	106	8	4	MTWF	10:40	PE	102		
MS	106	9	4	MWThF	11:40	PE	101		
MS	106	10	4	MTWF	11:40	PE	102		
MS	106	11	4	MWThF	12:40	PE	101		
MS	106	12	4	MTWF	12:40	PE	102		
MS	106	13	4	MTWF	1:40	PE	101		
MS	106	14	4	MTWF	1:40	PE	102		
MS	106	15	4	MTWF	2:40	PE	101		
MS	106	16	4	MTWF	2:40	PE	102		
MS	106	17	4	MTWF	3:40	PE	101		
MS	106	18	4	MTWTh	4:40	PE	101		
MS	225		3	F	7:00-9:30 PM	PE	4	McCarty, M. E.	Arithmetic for Teachers
MS	308	1	3	MWF	7:40	WA	211		Business Mathematics
MS	308	2	3	MWF	7:40	WA	213		

(Continued on Next Page)

MATHEMATICS—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
MS	308	3	3	TThS	7:40	WA	211		Business Mathematics
MS	308	4	3	MWF	8:40	WA	211		
MS	308	5	3	TThS	8:40	WA	211		
MS	308	6	3	MWF	10:40	WA	211		
MS	308	7	3	TThS	10:40	WA	211		
MS	308	8	3	MWF	11:40	WA	211		
MS	308	9	3	MWF	2:40	WA	211		
MS	308	10	3	MWF	3:40	WA	211		
MS	310		3	MWF	8:40	WA	209	Meyer, H. A.	Statistical Methods
MS	320		3	TThS	9:40	WA	209	Hadlock, E. H.	Theory of Equations
MS	326		3	MWF	9:40	WA	209	Gager, W. A.	Advanced General Mathematics
MS	340		3	MW	10:40	WA	209	Blake, R. G.	Graphical and Numerical Analysis
				F	1:40-3:30	WA	209		
MS	353	1	4	MTWF	7:40	PE	10		Differential Calculus
MS	353	2	4	MWThF	8:40	PE	10		
MS	353	3	4	MTWF	9:40	PE	10		
MS	353	4	4	MWThF	10:40	PE	10		
MS	353	5	4	MTWF	11:40	PE	10		
MS	353	6	4	MWThF	12:40	PE	10		
MS	354	1	4	MWThF	7:40	PE	4		Integral Calculus
MS	354	2	4	MTWF	8:40	PE	4		
MS	354	3	4	MWThF	9:40	PE	4		
MS	354	4	4	MTWF	10:40	PE	4		
MS	354	5	4	MWThF	11:40	PE	4		
MS	354	6	4	MTWF	12:40	PE	4		
MS	354	7	4	MTWF	1:40	PE	4		
MS	354	8	4	MTWF	2:40	PE	4		
MS	354	9	4	MTWF	3:40	PE	4		
MS	354	10	4	MTWTh	4:40	PE	4		
MS	355		3	TThS	9:40	WA	213	Patterson, P. B.	Intermediate Calculus
MS	385		3	TThS	8:40	WA	209	Rohde, F. V.	Advanced Trigonometry
MS	420	1	3	MWF	11:40	WA	209		Differential Equations
MS	420	2	3	TThS	10:40	WA	209		
MS	421		3	TThS	9:40	WA	211	Blake, R. G.	Higher Mathematics for Engineers and Physicists

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
MS	502		3	TThS	8:40	WA	213	Ellis, D.	Vector Analysis
MS	512		3	MWF	11:40	WA	207	Pirenian, Z. M.	Introduction to Higher Algebra
MS	514		3	MWF	9:40	WA	207	Pirenian, Z. M.	Further Theory and Application of Finite Groups
MS	520		3	MWF	10:40	WA	213	Meyer, H. A.	Advanced Statistics
MS	526		3	TTh	1:40	WA	213	Phipps, C. G.	Econometrics
				T	2:40	WA	213		
MS	531		3	MWF	9:40	WA	213	Hutcherson, W. R.	Advanced College Geometry
MS	540		3	MWF	7:40	WA	207	Cowan, R. W.	Fourier Series
MS	546		3	MWF	1:40	WA	213	Smith, C. B.	Mathematical Theory of Elasticity
MS	552		3	TThS	10:40	WA	213	Hutcherson, W. R.	Advanced Topics in Calculus
MS	556		3	MWF	8:40	WA	213	Hutcherson, W. R.	Functions of a Complex Variable
MS	560		3	MWF	8:40	WA	207	Lang, G. B.	Functions of Real Variables
MS	568		3	MWF	10:40	WA	207	Kokomoor, F. W.	History of Elementary Mathematics
MS	590		*	To arrange				Staff	Individual Work

*Variable. Credit assigned must be shown on registration blank.

MECHANICAL ENGINEERING

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
ML	181	1	2	ThS	10:40-12:30	EI	515	Rogers, W. B.	Engineering Drawing
ML	181	2	2	WF	10:40-12:30	EI	515	Frash, E. S.	
ML	181	3	2	WF	1:40-3:30	EI	515	Phelps, G. O.	
ML	182	1	2	MW	8:40-10:30	EI	515	Rogers, W. B. Jacunski, E. W.	Descriptive Geometry
ML	182	2	2	MW	10:40-12:30	EI	515	Phelps, G. O.	
ML	182	3	2	MW	1:40-3:30	EI	515	Rogers, W. B. Frash, E. S.	

(Continued on Next Page)

MECHANICAL ENGINEERING—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
ML	182	4	2	MW	3:40-5:30	EI	515	Jacunski, E. W. Phelps, G. O.	
ML	182	5	2	TTh	8:40-10:30	EI	515	Rogers, W. B. Jacunski, E. W.	
ML	182	6	2	TTh	10:40-12:30	EI	515	Frash, E. S. Jacunski, E. W.	
ML	281	1	3	TTh	8:40	RE	401	Smith, James H.	Elementary Design
				T	9:40-12:30	EI	526		
ML	281	2	3	MW	8:40	EI	512	Smith, James H.	
				M	9:40-12:30	EI	526		
ML	282	1	3	TTh	9:40	EI	512	Smith, Jack H.	Mechanism and Kinematics
				T	2:40-5:30	EI	526		
ML	282	2	3	TTh	10:40	EI	521	Smith, Jack H.	
				F	2:40-5:30	EI	526		
ML	282	3	3	TTh	1:40	EI	521	Smith, James H.	
				S	9:40-12:30	EI	526		
ML	381		3	MWF	1:40	EI	521	Hoffman, P. C.	Elementary Heat Power
Students taking Ml-384 will register for the lecture (Section 1) and one laboratory (Section 11, 12, or 13).									
ML	384	1	3	TTh	8:40	EI	512	Tiffin, W. T.	Metallography and Heat Treatment
ML	384	11		T	2:40-5:30	EI	550	Tiffin, W. T.	
ML	384	12		F	2:40-5:30	EI	550	McKissock, G. D.	
ML	384	13		M	2:40-5:30	EI	550	Tiffin, W. T.	
ML	385	1	3	MWF	8:40	EI	521	Dent, J. A.	Thermodynamics
ML	385	2	3	MWF	2:40	EI	521	Scott, L. A.	
ML	385	3	3	TThS	8:40	EI	521	Dent, J. A.	
ML	386	1	3	MWF	9:40	EI	440	Remp, G. E.	Power Engineering
ML	386	2	3	MWF	10:40	EI	521	Hoffman, P. C.	
ML	386	3	3	MWF	11:40	EI	521	Hoffman, P. C.	
Students taking ML-387 will register for one lecture (Section 1 or 2) and one laboratory (Section 11, 12, 13, or 14).									
ML	387	1	1	T	1:40	RE	401	Scott, L. A.	Mechanical Laboratory
ML	387	2	1	Th	1:40	RE	401	Scott, L. A.	
ML	387	11		M	2:40-5:30	WA	103	Smith, Jack H.	

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
ML	387	12		T	8:40-11:30	WA	103	Scott, L. A.	
ML	387	13		T	2:40-5:30	WA	103	Scott, L. A.	
ML	387	14		Th	2:40-5:30	WA	103	Scott, L. A.	
Students taking ML-388 will register for one lecture (Section 1 or 2) and one laboratory (Section 11, 12, 13, or 14).									
ML	388	1	1	T	1:40	EI	440	Remp, G. E.	Mechanical Laboratory
ML	388	2	1	Th	1:40	EI	440	Remp, G. E.	
ML	388	11		M	2:40-5:30	WA	103	McKissock, G. D.	
ML	388	12		T	8:40-11:30	WA	103	Remp, G. E.	
ML	388	13		T	2:40-5:30	WA	103	Hoffman, P. C.	
ML	388	14		W	2:40-5:30	WA	103	McKissock, G. D.	
ML	390	1	3	MWF	9:40	EI	512	Reed, J. C.	Advanced Thermodynamics
ML	390	2	3	MWF	1:40	EI	415	Dent, J. A.	
ML	474	1	1	F	1:40	EI	512	Reed, J. C.	Seminar
ML	474	2	1	F	1:40	EI	416	Tiffin, W. T.	
ML	481	1	3	TThS	8:40	EI	440	Prescott, F. L.	Internal Combustion Engines
ML	481	2	3	TThS	9:40	EI	440	Prescott, F. L.	
ML	482		3	MWF	8:40	EI	440	Leggett, J. T.	Refrigeration and Air Conditioning
Students taking ML-483 will register for the lecture (Section 1) and one laboratory (Section 11, 12 or 13).									
ML	483	1	1	W	1:40	EI	440	Prescott, F. L.	Mechanical Laboratory
ML	483	11		W	2:40-5:30	WA	103	Prescott, F. L.	
ML	483	12		Th	2:40-5:30	WA	103	Prescott, F. L.	
ML	483	13		F	2:40-5:30	WA	103	Prescott, F. L.	
Students taking ML-484 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
ML	484	1	1	M	1:40	EI	440	Leggett, J. T.	Mechanical Laboratory
ML	484	11		M	2:40-5:30	WA	103	Leggett, J. T.	
ML	484	12		W	2:40-5:30	WA	103	Leggett, J. T.	
Students taking ML-489 will register for the lecture (Section 1) and one laboratory (Section 11, 12, or 13).									
ML	489	1	3	TTh	11:40	EI	512	Reber, K. W.	Manufacturing Operations
ML	489	11		M	2:40-5:30	F	103	Sutton, G. E.	

(Continued on Next Page)

MECHANICAL ENGINEERING—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
ML	489	12		W	2:40-5:30	F	103	Reber, K. W.	
ML	489	13		Th	8:40-11:30	F	103	Sutton, G. E.	

Students taking ML-490 will register for the lecture (Section 1) and one laboratory (Section 11, 12, 13, 14, or 15).

ML	490	1	3	TTh	1:40	EI	512	Tiffin, W. T.	Manufacturing Operations
ML	490	11		Th	2:40-5:30	BA	103	Tiffin, W. T.	
ML	490	12		T	2:40-5:30	BA	103	Reber, K. W.	
ML	490	13		F	2:40-5:30	BA	103	Reber, K. W.	
ML	490	14		T	8:40-11:30	BA	103	Reber, K. W.	
ML	490	15		S	8:40-11:30	BA	103	McKissock, G. D.	
ML	491		4	MWF	9:40	EI	521	Bourke, N.	Machine Design
				F	2:40-5:30	EI	522		
ML	492		3	TTh	9:40	EI	521	Bourke, N.	Advanced Machine Design
				T	2:40-5:30	EI	522		
ML	582		3	To arrange				Dent, J. A.	Advanced Machine Design
ML	584		3	To arrange				Williams, H. B.	Mechanical Research
ML	585		3	To arrange					Adv. Air Conditioning
ML	586		3	To arrange				Dent, J. A.	Adv. Engineering Thermodynamics
ML	587		3	To arrange					Advanced Refrigeration
ML	589		3	To arrange					Advanced Mechanical Laboratory

MILITARY SCIENCE

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
MY	Drill	All	..	Th	2:40-4:30	Field			
MY	102	1	1	MW	7:40	MI	6		First Year Basic
MY	102	2	1	MW	7:40	MI	7		
MY	102	3	1	MW	8:40	MI	6		
MY	102	4	1	MW	8:40	MI	7		
MY	102	5	1	MW	9:40	MI	6		

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
MY	102	6	1	MW	9:40	MI	7		
MY	102	7	1	MW	10:40	MI	6		
MY	102	8	1	MW	10:40	MI	7		
MY	102	9	1	MW	11:40	MI	6		
MY	102	10	1	MW	11:40	MI	7		
MY	102	11	1	MW	12:40	MI	6		
MY	102	12	1	MW	12:40	MI	7		
MY	102	13	1	MW	1:40	MI	6		
MY	102	14	1	MW	1:40	MI	7		
MY	102	15	1	MW	2:40	MI	6		
MY	102	16	1	MW	2:40	MI	7		
MY	102	17	1	MW	3:40	MI	6		
MY	102	18	1	MW	3:40	MI	7		
MY	102	19	1	MW	4:40	MI	6		
MY	102	20	1	MW	4:40	MI	7		
MY	102	21	1	TTh	7:40	MI	6		
MY	102	22	1	TTh	7:40	MI	7		
MY	102	23	1	TTh	8:40	MI	6		
MY	202	24	1	TTh	8:40	MI	7		
MY	102	25	1	TTh	9:40	MI	6		
MY	102	26	1	TTh	9:40	MI	7		
MY	102	27	1	TTh	10:40	MI	6		
MY	102	28	1	TTh	10:40	MI	7		
MY	102	29	1	TTh	11:40	MI	6		
MY	102	30	1	TTh	11:40	MI	7		
MY	102	31	1	TTh	12:40	MI	6		
MY	102	32	1	TTh	12:40	MI	7		
MY	102	33	1	TTh	1:40	MI	6		
MY	102	34	1	TTh	1:40	MI	7		
MY	102	35	1	TTh	4:40	MI	6		
MY	102	36	1	TTh	4:40	MI	7		
MY	202	1	1	MW	10:40	MI	2		Second Year Basic—Infantry
MY	202	2	1	MW	11:40	MI	2		
MY	202	3	1	MW	2:40	MI	2		
MY	202	4	1	MW	3:40	MI	2		
MY	202	5	1	TTh	10:40	MI	2		

(Continued on Next Page)

MILITARY SCIENCE—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
MY	202	6	1	TTh	11:40	MI	2		
MY	202	7	1	TTh	7:40	MI	2		
MY	204	1	1	MW	10:40	MI	1		Second Year Basic, Field Artillery
MY	204	2	1	MW	11:40	MI	1		
MY	204	3	1	MW	2:40	MI	1		
MY	204	4	1	MW	3:40	MI	1		
MY	204	5	1	TTh	10:40	MI	1		
MY	204	6	1	TTh	11:40	MI	1		
MY	204	7	1	TTh	7:40	MI	1		
MY	206	1	1	MW	10:40	MI	5		Second Year Basic, Transportation Corps
MY	206	2	1	MW	11:40	MI	5		
MY	206	3	1	MW	2:40	MI	5		
MY	206	4	1	MW	3:40	MI	5		
MY	206	5	1	TTh	10:40	MI	5		
MY	206	6	1	TTh	11:40	MI	5		
MY	206	7	1	TTh	7:40	MI	5		
MY	208	1	1	MW	9:40	MI	3		Second Year Basic, Air Force
MY	208	2	1	MW	1:40	MI	3		
MY	208	3	1	MW	2:40	MI	3		
MY	208	4	1	MW	3:40	MI	3		
MY	208	5	1	TTh	7:40	MI	3		
MY	208	6	1	TTh	8:40	MI	3		
MY	208	7	1	TTh	9:40	MI	3		
MY	208	8	1	TTh	10.40	MI	3		
MY	208	9	1	TTh	11:40	MI	3		
MY	208	10	1	TTh	1:40	MI	3		
MY	302	1	2	MTWTh	12:40	MI	2		First Year Advanced, Infantry
MY	302	2	2	MTWTh	1:40	MI	2		
MY	304	1	2	MTWTh	12:40	MI	1		First Year Advanced, Field Artillery
MY	304	2	2	MTWTh	1:40	MI	1		
MY	306	1	2	MTWTh	12:40	MI	5		First Year Advanced, Transportation Corps

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
MY	306	2	2	MTWTh	1:40	MI	5		
MY	308	1	2	MWF	11:40	MI	3		First Year Advanced, Air Force Administration and Logistics
				T	12:40	MI	3		
MY	308	2	2	MWF	12:40	MI	3		
				T	2:40	MI	3		
MY	310	1	2	MWF	12:40	EI	430		First Year Advanced Air Force Communications
				Th	1:40	EI	334		
MY	310	2	2	MWF	1:40	EI	430		
				Th	1:40	EI	334		
MY	312	1	2	MWF	12:40	EI	331		First Year Advanced, Air Force Armament
				Th	1:40	EI	346		
MY	312	2	2	MWF	1:40	RE	401		
				Th	1:40	EI	346		
MY	402	1	2	MTWTh	8:40	MI	2		Second Year Advanced, Infantry
MY	402	2	2	MTWTh	9:40	MI	2		
MY	404	1	2	MTWTh	8:40	MI	1		Second Year Advanced, Field Artillery
MY	404	2	2	MTWTh	9:40	MI	1		
MY	406	1	2	MTWTh	8:40	MI	5		Second Year, Advanced Transportation Corps
MY	406	2	2	MTWTh	9:40	MI	5		
MY	408	1	2	MWF	8:40	MI	3		Second Year Advanced, Air Force, Administration and Logistics
				F	7:40	MI	3		
MY	408	2	2	MWF	10:40	MI	3		
				Th	12:40	MI	3		
MY	410	1	2	MWF	7:40	EI	430		Second Year Advanced, Air Force, Communications
				Th	12:40	EI	334		
MY	410	2	2	MWF	8:40	EI	320		
				Th	12:40	EI	334		

(Continued on Next Page)

MILITARY SCIENCE—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
MY	412	1	2	MWF	7:40	EI	331		Second Year Advanced, Air Force, Armament
				Th	12:40	EI	346		
MY	412	2	2	MWF	8:40	EI	415		
				Th	12:40	EI	346		

MUSIC

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
MSC	21		1	To Arrange		R			Piano
MSC	25		1	To Arrange		R			Voice
MSC	27		1	To Arrange		R			Stringed Instruments
MSC	35		1	To Arrange		R			Woodwind Instruments
MSC	43		1	To Arrange		R			Brass Instruments
MSC	51		1	To Arrange		R			Percussion Instruments
MSC	100		3	MTWThF	10:40	R	202	Golz, W. A.	Fundamentals of Music
MSC	102		3	MTWThF	9:40	R	202	Wirtala, A. E.	Theory of Music
MSC	123		2	To Arrange		R			Organ
MSC	160	1	3	MWF	8:40	R	201	Paul, O. F.	Music Skills
MSC	160	2	3	MWF	9:40	R	201	Paul, O. F.	
MSC	161		3	S	9:40-12:30	R	201	Paul, O. F.	Music for the Elementary Child
MSC	170		1	M	7:30 PM	R	144	Preodor, E.	University Orchestra
				Th	4:40				
MSC	171		1	T	7:30 PM	R	122	Beecher, A. A.	Choral Union
MSC	172		1	MWF	4:40	R	122	Lupkiewicz, J. V.	Men's Glee Club
MSC	173		1	MWF	3:40	R	122	Sterrett, D. E.	Women's Glee Club
MSC	174	1	1	MTW	4:40	R	144	Bachman, H. B.	University Band
MSC	174	2	1	MWF	1:40	R	144	Poole, R.	
MSC	175		1	TTh	4:40	R	122	Lupkiewicz, J. V.	Choral Ensemble
MSC	176		1	TTh	9:40	R	144	Bolles, R. S.	Woodwind Ensemble

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
MSC	177		1	TTh	10:40	R	144	Preodor, E.	String Ensemble
MSC	178		1	TTh	8:40	R	144	Bachman, H. B.	Brass Ensemble
MSC	179		1	TTh	2:40	R	113	Lawrenson, R. E.	Piano Ensemble
MSC	212		2	TTh	11:40	R	201	Wirtala, A. E.	Later Romantic Literature
MSC	260		3	MWF	2:40	R	201	Paul, O. F.	Music Education in the Elementary School
MSC	261		3	MWF	2:40	R	202	Poole, R.	Instrumental Music in the Public School
MSC	308		2	MWF	8:40	R	202	Danburg, R. L.	Instrumental Composition
MSC	310	1	2	MWF	10:40	R	201	Murphree, C. L.	Music Appreciation
MSC	310	2	2	MWF	1:40	R	201	Murphree, C. L.	
MSC	312		2	TTh	2:40	R	201	Murphree, C. L.	Pre-Classic Literature
MSC	315		2	TTh	9:40	R	201	Sterrett, D. E.	Latin American Music
MSC	362		3	MWF	10:40	R	133	Preodor, E.	Orchestra Materials Laboratory
MSC	364		3	MWF	3:40	R	201	Schmidt, D. T.	Projects and Problems in Music Education

PAINTING

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PG	312	.....	3	TThS	10:40-12:30	C	101	.....	Freehand Drawing
PG	352	.....	3	TThS	8:40-10:30	C	101	.....	Landscape and Figure Painting II
PG	413	.....	3	TThS	10:40-12:30	C	101	.....	Freehand Drawing III
PG	414	.....	3	TThS	7:00-10:00 PM	C	105	.....	Graphic Arts
PG	454	.....	6	TThS	8:40-10:30 (6 hours to arrange	C	105	.....	Special Problems in Painting

PHARMACEUTICAL CHEMISTRY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PCY	512		3	To arrange				Gramling, L. G.	Synthetic Medicinal Products
PCY	514		2	To arrange				Gramling, L. G.	Synthetic Medicinal Products
PCY	522		3	To arrange				Lauter, W. M.	Natural Medicinal Products
PCY	524		2	To arrange				Lauter, W. M.	Natural Medicinal Products

PHARMACOGNOSY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PGY	221		3	MWF	10:40	LE	314	Johnson, C. H.	Practical Pharmacognosy
				W	1:40-4:40	LE	314		

Students taking PGY-222 will register for the lecture (Section 1) and one laboratory (Section 11, 12, 13 or 14).

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PGY	222	1	3	MWF	7:40	LE	207	Johnson, C. H.	Practical Pharmacognosy
PGY	222	11		MWF	8:40	LE	314		
PGY	222	12		MWF	9:40	LE	314		
PGY	222	13		T	1:40-4:30	LE	314		
PGY	222	14		Th	1:40-4:30	LE	314		
PGY	501	.....	4	To arrange				Johnson, C. H.	Advanced Histology

PHARMACOLOGY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title

Students taking PLY-364 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PLY	364	1	6	MWFS	11:40	FL	108	Fox, L. E.	Pharmacology
PLY	364	11		W	1:40-5:30	LE	236		
PLY	364	12		F	1:40-5:30	LE	236		
PLY	452	.....	3	TThS	11:40	LE	432	Voss, E.	Principles of Biologicals

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking PLY-456 will register for the lecture (Section 1) and one laboratory (Section 11, 12, or 13).									
PLY	456	1	3	MW	3:40	LE	207	Gramling, L. G.	New Remedies
PLY	456	11		M	1:40-3:30	LE	314		
PLY	456	12		T	10:40-12:30	LE	314		
PLY	456	13		F	1:40-3:30	LE	314		
PLY	508		3	To arrange				Voss, E.	Advanced Pharmacology
PLY	510		1	T	1:40-5:30	LE	444	Fox, L. E.	Advanced Pharmacology Lab.
PLY	530		5	TTh	10:40	LE	448	Fox, L. E.	Special Problems
				To arrange					

PHARMACY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PHY	211		5	MWF	8:40	LE	432	Becker, C. H.	Inorganic Pharmacy
				M	1:40-5:30	LE	306		
PHY	223		3	MW	11:40	LE	324	Becker, C. H.	Galenical Pharmacy
				S	8:40-11:30	LE	306		
Students taking PHY-224 will register for one lecture (Section 1 or 2) and one Laboratory (Sections 11, 12, or 13).									
PHY	224	1	3	MW	10:40	LE	118	Grosicki, T. S.	Galenical Pharmacy
PHY	224	2	3	TTh	11:40	LE	118	Grosicki, T. S.	
PHY	224	11		T	8:40-11:30	LE	306		
PHY	224	12		W	1:40-4:30	LE	306		
PHY	224	13		Th	8:40-11:30	LE	306		
Students taking PHY-353 will register for the lecture (Section 1) and one laboratory (Section 11, 12 or 13).									
PHY	353	1	5	MWF	9:40	LE	207	Foote, P. A.	Organic and Analytical Pharmacy
PHY	353	11		T	1:40-5:30	LE	306		
PHY	353	12		Th	1:40-5:30	LE	306		
PHY	353	13		F	1:40-5:30	LE	306		
PHY	361		4	MW	10:40	LE	432	Husa, W. J.	Prescriptions and Dispensing
				TTh	7:40-9:30	LE	322		

(Continued on Next Page)

PHARMACY—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking PHY-362 will register for one lecture (Section 1 or 2) and one laboratory (Section 11, 12, or 13).									
PHY	362	1	4	TTh	8:40	LE	324	Husa, W. J.	Prescriptions and Dispensing
PHY	362	2	4	TTh	10:40	LE	324	Husa, W. J.	
PHY	362	11		MW	8:40-10:30	LE	322		
PHY	362	12		MW	10:40-12:30	LE	322		
PHY	362	13		MW	1:40-3:30	LE	322		
PHY	372	1	4	MWFS	8:40	LE	324	Duckworth, F. A.	Commercial Pharmacy
PHY	372	2	4	MWFS	10:40	LE	324	Duckworth, F. A.	
PHY	381		2	TTh	9:40	LE	324	Duckworth, F. A.	Pharmaceutical Jurisprudence
PHY	402	1	2	TTh	7:40	LE	324	Duckworth, F. A.	Pharmaceutical Arithmetic
PHY	402	2	2	TTh	11:40	LE	324	Duckworth, F. A.	
Students taking PHY-432 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
PHY	432	1	3	W	7:40	LE	118	Lauter, W. M.	Advanced Drug Analysis
PHY	432	11		TTh	1-40-4:30	LE	322		
PHY	432	12		FS	7:40-10:30	LE	322		
PHY	441		2	T	1:40-5:30	LE	418	Becker, C. H.	Manufacturing Pharmacy
PHY	504		2	MW	8:40	LE	402	Husa, W. J.	Advanced Galenical Pharmacy
PHY	545		4	TTh	8:40	LE	402	Becker, C. H.	Pharmaceutical Formulations
				W	1:40-5:30	LE	418		

PHILOSOPHY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PPY	201	1	3	MWF	11:40	AN	104	Bartlett, G. R.	Introduction to Philosophy
PPY	201	2	3	MWF	1:40	AN	104	Oliver, J. W.	
PPY	201	3	3	TThS	8:40	AN	104	Bartlett, G. R.	
PPY	306	.....	3	MWF	9:40	AN	104	Bartlett, G. R.	Introduction to Semantics
PPY	401	.....	3	To arrange				Bartlett, G. R.	Contemporary Ethical Theory

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PPY	410	.....	3	To arrange				Oliver, J. W.	Modern Philosophy
PPY	412	.....	3	MWF	10:40	AN	104	Oliver, J. W.	Advanced Deductive Logic
PPY	514	.....	3	W	2:40-5:00	LI	407	Oliver, J. W.	Contemporary Philosophy
PPY	518	.....	3	To arrange				Cooper, B. S.	Kant Seminar
PPY	570	.....	*	To arrange					Individual Research

**Variable credit. Credit assigned must be shown on the registration blank.

PHYSICAL EDUCATION, HEALTH AND ATHLETICS

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PHA	131		3	MWF (Open only to men)	8:40-10:30	FG	208	Cherry, H. S.	Coaching of Football
PHA	132		3	MWF (Open only to men)	1:40-3:30	FG	222	Beard, P. M.	Coaching of Track
PHA	141	1	1	TTh	9:40-11:30	FG	224	Potter, W. M.	Tennis
PHA	141	2	1	TTh	10:40-12:30	FG	224	Potter, W. M.	
PHA	142	1	1	MWF (Open only to men)	8:40	FG	224	Harlan, W. E.	Gymnastics and Tumbling I
PHA	142	2	1	MWF (Open only to women)	8:40	WG		George, B. M.	
PHA	143		1	TThS (Open only to men)	8:40	FG	214	Lee, P. A.	Combat Sports
PHA	144	1	1	TThS (Open only to men)	8:40	FG	224	Ryan, J. E.	Swimming and Water Sports
PHA	144	2	1	MWF (Open only to women)	9:40	FG	224	George, B. M.	
PHA	151	1	2	TTh	9:40	FG	206	McGriff, J.	Introduction to Physical Education, Health, Athletics and Recreation
PHA	151	2	2	TTh	1:40	FG	206	Potter, W. M.	
PHA	171		2	MWF	1:40-3:30	FG	224	Faulds, B. B.	Folk Dancing

(Continued on Next Page)

PHYSICAL EDUCATION, HEALTH AND ATHLETICS—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PHA	231		3	MWF	8:40-10:30 (Open only to men)	FG	222	McCachren, J. R.	Coaching of Basketball
PHA	232		3	MWF	10:40-12:30 (Open only to men)	FG	208	Fuller, D. D.	Coaching of Baseball
PHA	241		1	TTh	11:40-1:30	FG	210	Rehling, C. H.	Golf
PHA	242		2	MWF	10:40-12:30	FG	222	McGriff, J. Edmondson, C.	Recreational Sports
PHA	245	1	2	MWF	9:40-11:30	FG	210	Boyd, C. A.	Team Games for Men
PHA	245	2	2	MWF	1:40-3:30	FG	210	McGriff, J.	
PHA	248		2	TThS	8:40-10:30	FG	222	Edmondson, C.	Team Sports for Women
PHA	261	1	3	MWF	12:40	FG	210	Staton, W. M.	Personal Hygiene
PHA	261	2	3	TThS	8:40	FG	206	Boyd, C. A.	
PHA	262		3	MWF	9:40	FG	206	Hicks, D. A.	Community Hygiene
PHA	263		2	TTh	1:40	FG	210	Loft, B. I.	Safety Education
PHA	271		1	MWF	12:40 (Open only to women)	WG		Faulds, B. B.	Modern Dance
PHA	315	1	3	MWF	8:40	FG	206	Boyd, C. A.	Applied Anatomy and Physiology
PHA	315	2	3	MWF	11:40	FG	206	Salt, E. B.	
PHA	316		2	TTh	12:40	FG	208	Staton, W. M.	The Physiology of Exercise
PHA	322		3	TTh	10:40 Lab. to arrange	FG	206	Boswell, J. H.	Camp Programs and Counselor Training
PHA	325		3	MWF	10:40	FG	224	Boswell, J. H.	The Conduct of Playgrounds and Indoor Centers
PHA	351		2	TTh	10:40 (Open only to men)	FG	210	Crawford, W. H.	Intramural Athletics and Officiating
PHA	361	1	3	MWF	11:40	FG	210	Hicks, D. A.	The Elementary School Health Program
PHA	361	2	3	MWF	1:40	FG	208	Hicks, D. A.	
PHA	361	3	3	MWF	2:40	FG	208	Staton, W. M.	
PHA	361	4	3	S	9:40-12:30	FG	208	Hicks, D. A.	
PHA	363		3	MWF	7:40	FG	208	McGriff, J.	Teaching Physical Education in the Secondary School
PHA	373	1	3	TTh	10:40-12:30	FG	222	Weeks, M. S. Pye, R. L.	Teaching Physical Education in the Elementary School
PHA	373	2	3	TTh	1:40-3:30	FG	222	Pye, R. L.	

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PHA	441		3	TThS	9:40	FG	210	Crawford, W. H.	Administration of Physical Education and Athletics
PHA	487		3	MWF	12:40	FG	206	Maynard, Z. M.	Adapted and Corrective Physical Education
PHA	488		2	TTh (Open only to men)	8:40	FG	210	Langford, S. R.	Conditioning of Athletes and Care of Injuries
PHA	505		3	TThS	8:40	FG	208	Staton, W. M.	Research Methods in Physical Education, Health Education and Recreation
PHA	520		3	MWF	12:40	FG	208	Cherry, H. S.	Problems in the Administration of Athletics
PHA	533		3	MWF	8:40	FG	210	Crawford, W. H.	Problems in Physical Education

PHYSICAL FITNESS AND SPORTS

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Student must select one section.									
PL	101	1	..	MW	8:40-10:30	FG			Physical Education for Men who have had no Physical Education in College.
PL	101	2		MW	9:40-11:30	FG			
PL	101	3	..	TTh	8:40-10:30	FG			
PL	101	4	..	TTh	9:40-11:30	FG			
PL	101	5	..	TF	1:40-3:30	FG			
PL	101	6	..	To Arrange: For Attendance, if cannot fit above sections—any combination with day in between.					
Student must select one section.									
PL	102	1	..	MW	8:40-10:30	FG			Physical Education for Men who have had one semester of Physical Education in College.
PL	102	2	..	MW	9:40-11:30	FG			
PL	102	3	..	MW	10:40-12:30	FG			
PL	102	4	..	MW	11:40-1:30	FG			
PL	102	5	..	MW	12:40-2:30	FG			
PL	102	6	..	MW	1:40-3:30	FG			

(Continued on Next Page)

PHYSICAL FITNESS AND SPORTS—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PL	102	7	..	MW	3:40-5:30	FG			(Open only to Upper Division College of Architecture and Allied Arts Students)
PL	102	8	..	TTh	8:40-10:30	FG			
PL	102	9	..	TTh	9:40-11:30	FG			
PL	102	10	..	TTh	10:40-12:30	FG			
PL	102	11	..	TTh	11:40-1:30	FG			
PL	102	12	..	TTh	12:40-2:30	FG			
PL	102	13	..	MF	8:40-10:30	FG			
PL	102	14	..	F	9:40-11:30	FG			
PL	102	15	..	WF	10:40-12:30	FG			
PL	102	16	..	WF	11:40-1:30	FG			
PL	102	17	..	TF	12:40-2:30	FG			
PL	102	18	..	WF	12:40-2:30	FG			
PL	102	19	..	TF	1:40-3:30	FG			
PL	102	20	..	To Arrange: For Attendance, if cannot fit above sections—any combination with day in between.					
PL	102	21	..	Elective: Open to Those who have passed Basic and Proficient in Four Sports.					

Student must select one section.

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PL	103	1	..	MW	8:40-10:30	FG			Physical Education for Men who have had two semesters of Physical Education in College.
PL	103	2	..	MW	9:40-11:30	FG			
PL	103	3	..	MW	10:40-12:30	FG			
PL	103	4	..	MW	11:40-1:30	FG			
PL	103	5	..	MW	12:40-2:30	FG			
PL	103	6	..	MW	1:40-3:30	FG			
PL	103	7	..	MW	3:40-5:30	FG			(Open only to Upper Division College of Architecture and Allied Arts Students)
PL	103	8	..	TTh	8:40-10:30	FG			
PL	103	9	..	TTh	9:40-11:30	FG			
PL	103	10	..	TTh	10:40-12:30	FG			
PL	103	11	..	TTh	11:40-1:30	FG			
PL	103	12	..	TTh	12:40-2:30	FG			
PL	103	13	..	MF	8:40-10:30	FG			
PL	103	14	..	MF	9:40-11:30	FG			
PL	103	15	..	WF	10:40-12:30	FG			
PL	103	16	..	WF	11:40-1:30	FG			
PL	103	17	..	TF	12:40-2:30	FG			
PL	103	18	..	WF	12:40-2:30	FG			

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PL	103	19	..	TF	1:40-3:30	FG			
PL	103	20	..	To Arrange: For Attendance, if cannot fit above sections—any combination with day in between.					
PL	103	21	..	Elective: Open to Those who have passed Basic and Proficient in Four Sports.					
Student must select one section.									
PL	104	1	..	MW	8:40-10:30	FG			Physical Education for Men who have had three semesters of Physical Education in College.
PL	104	2	..	MW	9:40-11:30	FG			
PL	104	3	..	MW	10:40-12:30	FG			
PL	104	4	..	MW	11:40-1:30	FG			
PL	104	5	..	MW	12:40-2:30	FG			
PL	104	6	..	MW	1:40-3:30	PG			
PL	104	7	..	MW	3:40-5:30	FG	(Open only to Upper Division College of Architecture and Allied Arts Students)		
PL	104	8	..	TTh	8:40-10:30	FG			
PL	104	9	..	TTh	9:40-11:30	FG			
PL	104	10	..	TTh	10:40-12:30	FG			
PL	104	11	..	TTh	11:40-1:30	FG			
PL	104	12	..	TTh	12:40-2:30	FG			
PL	104	13	..	MF	8:40-10:30	FG			
PL	104	14	..	MF	9:40-11:30	FG			
PL	104	15	..	WF	10:40-12:30	FG			
PL	104	16	..	WF	11:40-1:30	FG			
PL	104	17	..	TF	12:40-2:30	FG			
PL	104	18	..	WF	12:40-2:30	FG			
PL	104	19	..	TF	1:40-3:30	FG			
PL	104	20	..	To Arrange: For Attendance, if cannot fit above sections—any combination with day in between.					
PL	104	21	..	Elective: Open to Those who have passed Basic and Proficient in Four Sports.					
Student must select one section.									
PL	105	1	..	MW	8:40-10:30	FG			Physical Education for Men who have had four semesters of Physical Education in College.
PL	105	2	..	MW	9:40-11:30	FG			
PL	105	3	..	MW	10:40-12:30	FG			
PL	105	4	..	MW	11:40-1:30	FG			
PL	105	5	..	MW	12:40-2:30	FG			
PL	105	6	..	MW	1:40-3:30	FG			

(Continued on Next Page)

PHYSICAL FITNESS AND SPORTS—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PL	105	7	..	MW	3:40-5:30	FG			(Open only to Upper Division College of Architecture and Allied Arts Students)
PL	105	8	..	TTh	8:40-10:30	FG			
PL	105	9	..	TTh	9:40-11:30	FG			
PL	105	10	..	TTh	10:40-12:30	FG			
PL	105	11	..	TTh	11:40-1:30	FG			
PL	105	12	..	TTh	12:40-2:30	FG			
PL	105	13	..	MF	8:40-10:30	FG			
PL	105	14	..	MF	9:40-11:30	FG			
PL	105	15	..	WF	10:40-12:30	FG			
PL	105	16	..	WF	11:40-1:30	FG			
PL	105	17	..	TF	12:40-2:30	FG			
PL	105	18	..	WF	12:40-2:30	FG			
PL	105	19	..	TF	1:40-3:30	FG			
PL	105	20	..	To Arrange: For Attendance, if cannot fit above sections—any combination with day in between.					
PL	105	21	..	Elective: Open to Those who have passed Basic and Proficient in Four Sports.					

Student must select one section.

PL	106	1	..	MW	8:40-10:30	FG			Physical Education for Men who have had five semesters of Physical Education in College.
PL	106	2	..	MW	9:40-11:30	FG			
PL	106	3	..	MW	10:40-12:30	FG			
PL	106	4	..	MW	11:40-1:30	FG			
PL	106	5	..	MW	12:40-2:30	FG			
PL	106	6	..	MW	1:40-3:30	FG			
PL	106	7	..	MW	3:40-5:30	FG			(Open only to Upper Division College of Architecture and Allied Arts Students)
PL	106	8	..	TTh	8:40-10:30	FG			
PL	106	9	..	TTh	9:40-11:30	FG			
PL	106	10	..	TTh	10:40-12:30	FG			
PL	106	11	..	TTh	11:40-1:30	FG			
PL	106	12	..	TTh	12:40-2:30	FG			
PL	106	13	..	MF	8:40-10:30	FG			
PL	106	14	..	MF	9:40-11:30	FG			
PL	106	15	..	WF	10:40-12:30	FG			
PL	106	16	..	WF	11:40-1:30	FG			
PL	106	17	..	TF	12:40-2:30	FG			
PL	106	18	..	WF	12:40-2:30	FG			
PL	106	19	..	TF	1:40-3:30	FG			

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PL	706	20	..	To Arrange: For Attendance, if cannot fit above sections—any combination with day in between.					
PL	106	21	..	Elective: Open to Those who have passed Basic and Proficient in Four Sports.					
Student must select one section.									
PL	107	1	..	MW	8:40-10:30	FG			Physical Education for Men who have had six semesters of Physical Education in College.
PL	107	2	..	MW	9:40-11:30	FG			
PL	107	3	..	MW	10:40-12:30	FG			
PL	107	4	..	MW	11:40-1:30	FG			
PL	107	5	..	MW	12:40-2:30	FG			
PL	107	6	..	MW	1:40-3:30	FG			
PL	107	7	..	MW	3:40-5:30	FG		(Open only to Upper Division College of Architecture and Allied Arts Students)	
PL	107	8	..	TTh	8:40-10:30	FG			
PL	107	9	..	TTh	9:40-11-30	FG			
PL	107	10	..	TTh	10:40-12:30	FG			
PL	107	11	..	TTh	11:40-1:30	FG			
PL	107	12	..	TTh	12:40-2:30	FG			
PL	107	13	..	MF	8:40-10:30	FG			
PL	107	14	..	MF	9:40-11:30	FG			
PL	107	15	..	WF	10:40-12:30	FG			
PL	107	16	..	WF	11:40-1:30	FG			
PL	107	17	..	TF	12:40-2:30	FG			
PL	107	18	..	WF	12:40-2:30	FG			
PL	107	19	..	TF	1:40-3:30	FG			
PL	107	20	..	To Arrange: For Attendance, if cannot fit above sections—any combination with day in between.					
PL	107	21	..	Elective: Open to Those who have passed Basic and Proficient in Four Sports.					
Student must select one section.									
PL	108	1	..	MW	8:40-10:30	FG			Physical Education for Men who have had seven semesters of Physical Education in College.
PL	108	2	..	MW	9:40-11:30	FG			
PL	108	3	..	MW	10:40-12:30	FG			
PL	108	4	..	MW	11:40-1:30	FG			
PL	108	5	..	MW	12:40-2:30	FG			
PL	108	6	..	MW	1:40-3:30	FG			
PL	108	7	..	MW	3:40-5:30	FG		(Open only to Upper Division College of Architecture and Allied Arts Students)	
PL	108	8	..	TTh	8:40-10:30	FG			

(Continued on Next Page)

PHYSICAL FITNESS AND SPORTS—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PL	108	9	..	TTh	9:40-11:30	FG			
PL	108	10	..	TTh	10:40-12:30	FG			
PL	108	11	..	TTh	11:40-1:30	FG			
PL	108	12	..	TTh	12:40-2:30	FG			
PL	108	13	..	MF	8:40-10:30	FG			
PL	108	14	..	MF	9:40-11:30	FG			
PL	108	15	..	WF	10:40-12:30	FG			
PL	108	16	..	WF	11:40-1:30	FG			
PL	108	17	..	TF	12:40-2:30	FG			
PL	108	18	..	WF	12:40-2:30	FG			
PL	108	19	..	TF	1:40-3:30	FG			
PL	108	20	..	To Arrange: For Attendance, if cannot fit above sections—any combination with day in between.					
PL	108	21	..	Elective: Open to Those who have passed Basic and Proficient in Four Sports.					
PL	151	1	..	TTh	10:40-12:30	WG			Physical Education for Women who have had no Physical Education in College.
PL	151	2	..	WF	12:40-2:30	WG			
PL	151	3	..	To arrange					
PL	152	1	..	MW	8:40-10:30	WG			Physical Education for Women who have had one semester of Physical Education in College.
PL	152	2	..	MW	8:40-10:30	WG			
PL	152	3	..	MW	9:40-11:30	WG			
PL	152	4	..	MW	9:40-11:30	WG			
PL	152	5	..	MW	10:40-12:30	WG			
PL	152	6	..	MW	10:40-12:30	WG			
PL	152	7	..	MW	11:40-1:30	WG			
PL	152	8	..	MW	12:40-2:30	WG			
PL	152	9	..	MW	12:40-2:30	WG			
PL	152	10	..	MW	1:40-3:30	WG			
PL	152	11	..	MW	1:40-3:30	WG			
PL	152	12	..	TTh	8:40-10:30	WG			
PL	152	13	..	TTh	8:40-10:30	WG			
PL	152	14	..	TTh	9:40-11:30	WG			
PL	152	15	..	TTh	9:40-11:30	WG			
PL	152	16	..	TTh	9:40-11:30	WG			
PL	152	17	..	TTh	10:40-12:30	WG			
PL	152	18	..	TTh	10:40-12:30	WG			
PL	152	19	..	TTh	10:40-12:30	WG			
PL	152	20	..	TTh	11:40-1:30	WG			

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PL	152	21	..	TTh	11:40-1:30	WG			
PL	152	22	..	TTh	11:40-1:30	WG			
PL	152	23	..	TTh	11:40-1:30	WG			
PL	152	24	..	TTh	11:40-1:30	WG			
PL	152	25	..	TTh	12:40-2:30	WG			
PL	152	26	..	TTh	12:40-2:30	WG			
PL	152	27	..	TTh	12:40-2:30	WG			
PL	152	28	..	TTh	12:40-2:30	WG			
PL	152	29	..	TTh	1:40-3:30	WG			
PL	152	30	..	WF	9:40-11:30	WG			
PL	152	31	..	WF	10:40-12:30	WG			
PL	152	32	..	WF	10:40-12:30	WG			
PL	152	33	..	WF	11:40-1:30	WG			
PL	152	34	..	WF	11:40-1:30	WG			
PL	152	35	..	WF	12:40-2:30	WG			
PL	152	36	..	WF	1:40-3:30	WG			
PL	152	37	..	MF	8:40-10:30	WG			
PL	152	38	..	MF	9:40-11:30	WG			
PL	152	39	..	TF	12:40-2:30	WG			
PL	152	40	..	TF	1:40-3:30	WG			
PL	152	41	..	To arrange					
PL	153	1	..	MW	8:40-10:30	WG			Physical Education for Women who have had two semesters of Physical Education in College.
PL	153	2	..	MW	8:40-10:30	WG			
PL	153	3	..	MW	9:40-11:30	WG			
PL	153	4	..	MW	9:40-11:30	WG			
PL	153	5	..	MW	10:40-12:30	WG			
PL	153	6	..	MW	10:40-12:30	WG			
PL	153	7	..	MW	11:40-1:30	WG			
PL	153	8	..	MW	12:40-2:30	WG			
PL	153	9	..	MW	12:40-2:30	WG			
PL	153	10	..	MW	1:40-3:30	WG			
PL	153	11	..	MW	1:40-3:30	WG			
PL	153	12	..	TTh	8:40-10:30	WG			
PL	153	13	..	TTh	8:40-10:30	WG			
PL	153	14	..	TTh	9:40-11:30	WG			
PL	153	15	..	TTh	9:40-11:30	WG			

(Continued on Next Page)

PHYSICAL FITNESS AND SPORTS—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PL	153	16	..	TTh	9:40-11:30	WG			
PL	153	17	..	TTh	10:40-12:30	WG			
PL	153	18	..	TTh	10:40-12:30	WG			
PL	153	19	..	TTh	10:40-12:30	WG			
PL	153	20	..	TTh	11:40-1:30	WG			
PL	153	21	..	TTh	11:40-1:30	WG			
PL	153	22	..	TTh	11:40-1:30	WG			
PL	153	23	..	TTh	11:40-1:30	WG			
PL	153	24	..	TTh	11:40-1:30	WG			
PL	153	25	..	TTh	12:40-2:30	WG			
PL	153	26	..	TTh	12:40-2:30	WG			
PL	153	27	..	TTh	12:40-2:30	WG			
PL	153	28	..	TTh	12:40-2:30	WG			
PL	153	29	..	TTh	1:40-3:30	WG			
PL	153	30	..	WF	9:40-11:30	WG			
PL	153	31	..	WF	10:40-12:30	WG			
PL	153	32	..	WF	10:40-12:30	WG			
PL	153	33	..	WF	11:40-1:30	WG			
PL	153	34	..	WF	11:40-1:30	WG			
PL	153	35	..	WF	12:40-2:30	WG			
PL	153	36	..	WF	1:40-3:30	WG			
PL	153	37	..	MF	8:40-10:30	WG			
PL	153	38	..	MF	9:40-11:30	WG			
PL	153	39	..	TF	12:40-2:30	WG			
PL	153	40	..	TF	1:40-3:30	WG			
PL	153	41	..	To arrange					
PL	154	1	..	MW	8:40-10:30	WG			Physical Education for Women who have had three semesters of Physical Education in College.
PL	154	2	..	MW	8:40-10:30	WG			
PL	154	3	..	MW	9:40-11:30	WG			
PL	154	4	..	MW	9:40-11:30	WG			
PL	154	5	..	MW	10:40-12:30	WG			
PL	154	6	..	MW	10:40-12:30	WG			
PL	154	7	..	MW	11:40-1:30	WG			
PL	154	8	..	MW	12:40-2:30	WG			
PL	154	9	..	MW	12:40-2:30	WG			
PL	154	10	..	MW	1:40-3:30	WG			

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PL	154	11	..	MW	1:40-3:30	WG			
PL	154	12	..	TTh	8:40-10:30	WG			
PL	154	13	..	TTh	8:40-10:30	WG			
PL	154	14	..	TTh	9:40-11:30	WG			
PL	154	15	..	TTh	9:40-11:30	WG			
PL	154	16	..	TTh	9:40-11:30	WG			
PL	154	17	..	TTh	10:40-12:30	WG			
PL	154	18	..	TTh	10:40-12:30	WG			
PL	154	19	..	TTh	10:40-12:30	WG			
PL	154	20	..	TTh	11:40-1:30	WG			
PL	154	21	..	TTh	11:40-1:30	WG			
PL	154	22	..	TTh	11:40-1:30	WG			
PL	154	23	..	TTh	11:40-1:30	WG			
PL	154	24	..	TTh	11:40-1:30	WG			
PL	154	25	..	TTh	12:40-2:30	WG			
PL	154	26	..	TTh	12:40-2:30	WG			
PL	154	27	..	TTh	12:40-2:30	WG			
PL	154	28	..	TTh	12:40-2:30	WG			
PL	154	29	..	TTh	1:40-3:30	WG			
PL	154	30	..	WF	9:40-11:30	WG			
PL	154	31	..	WF	10:40-12:30	WG			
PL	154	32	..	WF	10:40-12:30	WG			
PL	154	33	..	WF	11:40-1:30	WG			
PL	154	34	..	WF	11:40-1:30	WG			
PL	154	35	..	WF	12:40-2:30	WG			
PL	154	36	..	WF	1:40-3:30	WG			
PL	154	37	..	MF	8:40-10:30	WG			
PL	154	38	..	MF	9:40-11:30	WG			
PL	154	39	..	TF	12:40-2:30	WG			
PL	154	40	..	TF	1:40-3:30	WG			
PL	154	41	..	To arrange					

PHYSICS

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking PS-101 will register for one demonstration (Section 1 or 2) and one recitation (two-digit section number) and PS-207.									
PS	101	1	..	Th	11:40	BN	203		General Physics
PS	101	2	..	Th	2:40	BN	203		
PS	101	11	3	MWF	9:40	BN	201		
PS	101	12	3	MWF	11:40	BN	201		
PS	101	13	3	TThS	8:40	BN	201		
Students taking PS-102 will register for one demonstration (Section 1, 2 or 3) and one recitation (two-digit section number) and PS-208.									
PS	102	1	..	T	10:40	BN	203		General Physics
PS	102	2	..	T	11:40	BN	203		
PS	102	3	..	T	2:40	BN	203		
PS	102	11	3	MWF	7:40	BN	201		
PS	102	12	3	MWF	8:40	BN	201		
PS	102	13	3	MWF	1:40	BN	201		
PS	102	14	3	TThS	7:40	BN	201		
PS	109	.....	1	TThS	4:40	BN	201	Teller, M. H.	Physics Problems
Students taking PS-205 will register for one demonstration (Section 1 or 2) and one recitation (two-digit section number) and PS-207.									
PS	205	1	..	Th	11:40	BN	203		General Physics (Engineers)
PS	205	2	..	Th	2:40	BN	203		
PS	205	11	3	MWF	11:40	BN	208		
PS	205	12	3	MWF	1:40	BN	208		
Students taking PS-206 will register for one demonstration (Section 1, 2, or 3) and one recitation (two-digit section number) and PS-208.									
PS	206	1	..	T	10:40	BN	203		General Physics (Engineers)
PS	206	2	..	T	11:40	BN	203		
PS	206	3	..	T	2:40	BN	203		
PS	206	11	3	MWF	7:40	BN	208		
PS	206	12	3	MWF	8:40	BN	210		
PS	206	13	3	MWF	9:40	BN	208		

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PS	206	14	3	MWF	10:40	BN	201		
PS	206	15	3	MWF	1:40	BN	209		
PS	206	16	3	TThS	7:40	BN	210		
PS	207	1	1	M	1:40-4:30	BN	307	Teller, M. H.	Lab. for PS. 101, 205
PS	207	2	1	T	8:40-11:30	BN	307		
PS	207	3	1	T	1:40-4:30	BN	307		
PS	207	4	1	W	8:40-11:30	BN	307		
PS	207	5	1	W	1:40-4:30	BN	307		
PS	207	6	1	Th	8:40-11:30	BN	307		
PS	207	7	1	Th	1:40-4:30	BN	307		
PS	207	8	1	F	8:40-11:30	BN	307		
PS	207	9	1	F	1:40-4:30	BN	307		
PS	208	1	1	M	1:40-4:30	BN	304	Teller, M. H.	Lab. for PS. 102, 206, 212
PS	208	2	1	M	1:40-4:30	BN	305		
PS	208	3	1	M	1:40-4:30	BN	306		
PS	208	4	1	T	8:40-11:30	BN	305		
PS	208	5	1	T	8:40-11:30	BN	306		
PS	208	6	1	T	1:40-4:30	BN	304		
PS	208	7	1	T	1:40-4:30	BN	305		
PS	208	8	1	T	1:40-4:30	BN	306		
PS	208	9	1	W	8:40-11:30	BN	305		
PS	208	10	1	W	8:40-11:30	BN	306		
PS	208	11	1	W	1:40-4:30	BN	304		
PS	208	12	1	W	1:40-4:30	BN	305		
PS	208	13	1	W	1:40-4:30	BN	306		
PS	208	14	1	Th	8:40-11:30	BN	305		
PS	208	15	1	Th	8:40-11:30	BN	306		
PS	208	16	1	Th	1:40-4:30	BN	306		
PS	208	17	1	F	8:40-11:30	BN	305		
PS	208	18	1	F	8:40-11:30	BN	306		
PS	208	19	1	F	1:40-4:30	BN	304		
PS	208	20	1	F	1:40-4:30	BN	305		
PS	208	21	1	F	1:40-4:30	BN	306		
PS	212	..	4	MTWThF	10:40	BN	210	Williamson, R. C.	General Physics
PS	221	..	3	MWF	8:40	BN	209	Knowles, H. L.	Recent Advances in Physics
PS	224	..	2	TTh	10:40	BN	104	Flowers, J. W.	Sound and its Applications

(Continued on Next Page)

PHYSICS—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PS	302	.....	4	TThS	8:40	BN	209	Purdy, D. R.	Elements of Meteorology
				T	1:40-4:30	BN	303		
PS	311	.....	3	MWF	10:40	BN	209	Knowles, H. L.	Electricity and Magnetism
PS	313	.....	1	T	1:40-4:30	BN	104	Knowles, H. L.	Electrical Measurements
PS	317	.....	3	MWF	8:40	BN	208	Swanson, D. C.	Nuclear Physics
PS	401	.....	2	S	8:40	BN	208	Flowers, J. W.	Electronic Circuits in Physics
				Th	1:40-4:30	BN	104		
PS	406	.....	3	MWF	7:40	BN	210	Hanson, H. P.	Theoretical Mechanics
PS	502	.....	5	MTWThF	7:40	BN	209	Williamson, R. C.	Theoretical Physics
PS	512	.....	3	TThS	11:40	BN	209	Gordon, M. M.	Quantum Mechanics
PS	515	.....	3	TThS	9:40	BN	210	Hanson, H. P.	Physics of the Solid State
PS	519	.....	1	W	1:40-4:30	BN	104	Swanson, D. C.	Nuclear Laboratory
PS	520	.....	3	MWF	11:40	BN	209	Smith, A. G.	Theory of Optical Spectra
PS	525	.....	3	MWF	9:40	BN	209	Swanson, D. C.	Experimental Foundations of Nuclear Physics

PLANT PATHOLOGY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking PT-325 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
PT	325	1	3	M	8:40	HT	501	Weber, G. F.	Forest Pathology
PT	325	11	..	MW	10:40-12:30	HT	501	Weber, G. F.	
PT	325	12	..	TTh	10:40-12:30	HT	501	Weber, G. F.	
PT	422	.....	3	M	9:40	HT	501	Owen, J. H.	Vegetable Diseases
		.....	..	MW	1:40-3:30	HT	501	Owen, J. H.	
PT	423	.....	3	T	7:40	HT	501	Owen, J. H.	Fruit Diseases
				TTh	1:40-3:30	HT	501	Owen, J. H.	
PT	434	.....	3	F	9:40-12:30	HT	409	Weber, G. F.	Mycology
				F	1:40-3:30	HT	409	Weber, G. F.	
PT	506	.....	1	To arrange				Owen, J. H.	Plant Pathology Literature
PT	508	.....	2	To arrange				Weber, G. F.	Plant Disease Collections
PT	522	.....	3	M	7:40	HT	501	Weber, G. F.	Bacterial Diseases of Plants
				TTh	3:40-5:30	HT	501	Weber, G. F.	

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PT	523	.....	*	To arrange				Owen, J. H.	Advanced Plant Pathology
PT	533	.....	3	W	8:40	HT	501	Owen, J. H.	Physiology of Fungi
				TTh	8:40-10:30	HT	409	Owen, J. H.	
PT	555	.....	1	W	3:40	HT	409	Weber, G. F.	Seminar
PT	570	.....	*	To arrange				Owen, J. H.	Research in Plant Pathology

*Variable. Credit assigned must be shown on the registration blank.

POLITICAL SCIENCE

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PCL	301	1	3	TThS	9:40	PE	107	Wolff, G. E.	American Government and Politics (Federal)
PCL	301	2	3	MWF	12:40	PE	202	Diamant, A.	
PCL	301	3	3	MWF	11:40	PE	202	Bartley, E. R.	
PCL	302	1	3	MWF	9:40	PE	202	Koen, R. Y.	American Government and Politics (State and Local)
PCL	302	2	3	TThS	8:40	PE	107	Dovell, J. E.	
PCL	302	3	3	M	7:30-10:00 PM	PE	202		
PCL	309	1	3	MWF	8:40	PE	107	Doty, F. A.	International Relations
PCL	309	2	3	MWF	1:40	PE	107	Hartmann, F. H.	
PCL	310	1	3	MWF	10:40	PE	107	Hartmann, F. H.	International Relations
PCL	310	2	3	T	7:30-10:00 PM	PE	107	Wolff, G. E.	
PCL	315	..	3	MWF	12:40	PE	201	Marshall, H. R.	Government and Administration
PCL	402	..	3	MWF	10:40	PE	202	Bartley, E. R.	American Constitutional Law
PCL	404	..	3	MWF	8:40	PE	201	Svarlien, O.	International Law
PCL	406	..	3	MWF	9:40	PE	201	Dauer, M. J.	History of Political Theory
PCL	408	..	3	MWF	10:40	PE	201	Diamant, A.	Comparative Government
PCL	410	..	3	MWF	11:40	PE	107		The Governments of Latin America
PCL	411	..	3	MWF	2:40	PE	202	Marshall, H. R.	Public Administration

(Continued on Next Page)

POLITICAL SCIENCE—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PCL	412	..	3	MWF	2:40	PE	107	Dovell, J. E.	City Government and Administration
PCL	416	..	3	MWF	1:40	PE	202	Bartley, E. R.	Administrative Law
PCL	417	..	3	T	12:40				
				Th	12:40-2:40	PE	202	Bartley, E. R.	Legislation
PCL	421	..	3	MWF	1:40	PE	201	Carleton, W. G.	Political Parties
PCL	422	..	3	MWF	2:40	PE	201	Harrison, J. A.	Government in the Far East
PCL	526	..	3	TTh	2:40-4:10	LI	420	Larsen, W. F.	Seminar in Public Administration
PCL	528	..	3	Th	7:00-10:00 PM	LI	420	Hartmann, F. H.	Seminar in International Relations and Organization
PCL	531	..	3	To arrange		LI	420		Seminar in Latin American Government and Politics
PCL	534	..	3	To arrange		LI	420	Dovell, J. E.	Seminar in State and Local Government
PCL	535	..	3	TTh	12:40-2:30	LI	420	Dauer, M. J.	Seminar in Political Theory
PCL	537	..	3	To arrange		LI	420	Diamant, A.	Seminar in Comparative Government
PCL	545	..	3	To arrange		LI	420	Carleton, W. G.	Seminar in Political Parties

POULTRY HUSBANDRY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PY	312	.....	3	MW	9:40	FL	102	Driggers, J. C.	Advanced Incubation, Brooding, and Rearing
				T	1:40-3:30	PO			
PY	416	.....	3	TTh	9:40	FL	102	Mehrhof, N. R.	Poultry Management
				M	3:40-5:30	PO			
PY	418	.....	3	TTh	11:40	FL	102	Driggers, J. C.	Marketing Poultry Products
				M	1:40-3:30	PO			
PY	422	.....	1	To arrange					Seminar
PY	430	.....	3	To arrange					Problems in Poultry Production
PY	531	.....	3	To arrange					Advanced Poultry Management
PY	570	.....	*	To arrange					Poultry Research Problems

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PSY	201	1	3	MWF	8:40	PE	205	Durrance, J. R.	General Psychology
PSY	201	2	3	MWF	9:40	E	102	Anderson, R. J.	
PSY	201	3	3	MWF	10:40	E	102	Durrance, J. R.	
PSY	201	4	3	MWF	2:40	PE	205	Dow, A. N.	
PSY	201	5	3	MWF	3:40	PE	205	Dow, A. N.	
PSY	201	6	3	TThS	8:40	PE	205	Durrance, J. R.	
PSY	201	7	3	TThS	9:40	E	102	Dow, A. N.	
Students taking PSY-302 will register for the lecture (Section 1) and one laboratory (two-digit section number).									
PSY	302	1	3	MW	1:40	E	102	Horne, E. P.	Experimental Psychology
PSY	302	11	..	M	2:40-5:30	E	109	Horne, E. P.	
PSY	302	12	..	T	8:40-11:30	E	109	Horne, E. P.	
PSY	302	13	..	T	2:40-5:30	E	109	Nichols, J. W.	
PSY	302	14	..	W	2:40-5:30	E	109	Nichols, J. W.	
PSY	302	15	..	Th	8:40-11:30	E	109	Nichols, J. W.	
PSY	302	16	..	Th	2:40-5:30	E	109	Nichols, J. W.	
PSY	306	1	3	MWF	1:40	PE	205	Martin, J. A.	Psychology Applied to Business and Industry
PSY	306	2	3	TThS	10:40	PE	205	Martin, J. A.	
PSY	308	.....	3	MWF	8:40	E	102	Horne, E. P.	Genetic Psychology
PSY	309	1	3	MWF	9:40	PE	205	Hinckley, E. D.	Personality Development
PSY	309	2	3	MWF	10:40	PE	205	Hinckley, E. D.	
Students taking PSY-311 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
PSY	311	1	3	TTh	1:40	E	102	Wimberly, S. E.	Psychological Measurement
PSY	311	11	..	T	2:40-5:30	E	102	Wimberly, S. E.	
PSY	311	12	..	Th	2:40-5:30	E	102	Wimberly, S. E.	
PSY	312	.....	3	MWF	2:40	E	102	Fagin, B.	Psychology of Exceptional Children
PSY	318	.....	3	TThS	8:40	E	102	Wunderlich, H.	Psychology of Music
Students taking PSY-404 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
PSY	404	1	3	TTh	1:40	PE	205	Rethlingshafer, D.	The Measurement of Personality
PSY	404	11	..	T	2:40-5:30	PE	205	Rethlingshafer, D.	

(Continued on Next Page)

PSYCHOLOGY—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PSY	404	12	..	Th	2:40-5:30	PE	205	Rethlingshafer, D.	
PSY	409	.....	3	M	1:40-4:30	E	107	Rethlingshafer, D.	Motivation
PSY	410	.....	3	MWF	11:40	E	102	Wunderlich, H.	Abnormal Psychology
Students taking PSY-416 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
PSY	416	1	3	TTh	1:40	E	107	Horne, E. P.	Physiological Psychology
PSY	416	11	..	Th	2:40-5:30	E	107	Horne, E. P.	
PSY	416	12	..	Th	2:40-5:30	E	107	Horne, E. P.	
PSY	425	.....	3	To arrange				Staff	Individual Work in Experimental Psychology
Students taking PSY-504 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
PSY	504	1	3	TTh	1:40	PE	205	Rethlingshafer, D.	The Measurement of Personality
PSY	504	11	..	T	2:40-5:30	PE	205	Rethlingshafer, D.	
PSY	504	12	..	Th	2:40-5:30	PE	205	Rethlingshafer, D.	
PSY	505	.....	3	MF	10:40	E	107	Anderson, R. J.	Advanced Statistical Methods
				W	1:40-4:30				
PSY	509	.....	3	M	1:40-4:30	E	107	Rethlingshafer, D.	Motivation
Students taking PSY-516 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
PSY	516	1	3	TTh	1:40	E	107	Horne, E. P.	Physiological Psychology
PSY	516	11	..	T	2:40-5:30	E	107	Horne, E. P.	
PSY	516	12	..	Th	2:40-5:30	E	107	Horne, E. P.	
PSY	520	.....	3	TTh	10:40	E	107	Rethlingshafer, D.	Advanced Experimental Psychology
				F	1:40-4:30	E	109		
PSY	521	.....	3	MWF	9:40	E	107	Wunderlich, H.	Learning
PSY	525	.....	3	To arrange				Staff	Research
PSY	533	.....	3	MWF	12:40	AD	207	Harlow, J. E.	Projective Techniques
PSY	535	.....	3	TThS	8:40	AD	207	Dixon, J. C.	Psychotherapy
PSY	536	.....	6	To arrange				Dixon, J. C.	Practicum in Clinical Psychology

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
RE	291	1	3	MWF	7:40	I	108	Case, F. E.	Real Estate Fundamentals
RE	291	2	3	TThS	9:40	I	108	Kahn, S. A.	
RE	291	3	3	TThS	10:40	I	108	Kahn, S. A.	
RE	291	4	3	MWF	1:40	I	108	Gattis, R.	
RE	295	.....	3	MWF	9:40	I	108	Hauser, F. L.	Housing and Home Ownership
RE	390	.....	3	TThS	10:40	I	102	Case, F. E.	Property Valuation
RE	391	.....	3	MWF	9:40	I	102	Kahn, S. A.	Property Management
RE	392	.....	3	MWF	10:40	I	102	Kahn, S. A.	Problems in Real Estate Brokerage
RE	393	.....	3	TThS	8:40	I	108	Hauser, F. L.	Urban Land Utilization
RE	490	.....	3	MW	2:40	I	108	Ring, A. A.	Real Estate Appraising
				W	3:40	I	108	Hauser, F. L.	Principles and Problems of City Planning
RE	491	.....	3	MWF	8:40	I	108		
RE	493	.....	3	TThS	11:40	I	108	Chace, J. E.	Real Estate Law
RE	590	.....	3	T	2:40-5:30	LI	417	Ring, A. A.	Problems in Property Valuation
RE	592	.....	3	F	2:40-5:30	LI	417	Hauser, F. L.	Urban Growth and Land Use Patterns
RE	594	.....	3	Th	2:40-5:30	LI	417	Chace, J. E.	Problems in Property Management

RELIGION

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
RN	242	.....	3	MWF	8:40	I	204	Philpott, H. M.	Religious Foundations of Modern Life
RN	341	.....	3	TTh	9:40	I	204	Scudder, D. L.	The Old Testament in the Light of Today
				Th	10:40	I	204		
RN	342	.....	3	MWF	9:40	I	204	Scudder, D. L.	The Career and Significance of Jesus
RN	343	.....	3	MWF	10:40	I	204	Philpott, H. M.	Christianity in the Greco-Roman World

(Continued on Next Page)

RELIGION—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
RN	351	.....	3	MWF	11:40	I	204	Scudder, D. L.	Comparative Religion
RN	352	.....	3	Th	11:40	I	204	Scudder, D. L.	Comparative Religion
				Th	12:40	I	204		

RUSSIAN

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
RSN	34	.....	3	TTh	10:40-12:30	AN	18	Capretz, T. B.	First-Year Russian
RSN	202	.....	3	TThS	8:40	AN	7	Capretz, T. B.	Second-Year Russian

SCHOOL ART

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
SCA	253	1	4	T	6:00-9:30 PM	YN	28	Mitchell, J. O.	General Art for the Elementary Grades
SCA	253	2	4	S	9:40-1:30	YN	28	Mitchell, J. O.	
SCA	334	..	3	Th	7:00-9:30 PM	YN	28	Mitchell, J. O.	School Art Design

SOCIAL SCIENCES

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
SCS	492	.....	3	M	7:30-10 PM	PE	109		Masterpieces in the Social Sciences

SOCIAL STUDIES

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
SCL	205	1	3	TThS	10:40	WA	202	McLendon, I. R.	Children and Culture
SCL	205	2	3	MWF	9:40	WA	202	Bamberger, F. E.	
SCL	205	3	3	TThS	11:40	WA	202		
SCL	206	1	3	MWF	7:40	WA	202	Black, J. H.	Children and Culture
SCL	206	2	3	MWF	8:40	WA	202	Black, J. H.	
SCL	206	3	3	MWF	10:40	WA	202	Black, J. H.	
SCL	206	4	3	TThS	7:40	WA	202	Black, J. H.	
SCL	206	5	3	TThS	8:40	WA	202	Black, J. H.	
SCL	206	6	3	MWF	1:40	WA	202	Bamberger, F. E.	
SCL	206	7	3	MWF	2:40	WA	202	Bamberger, F. E.	
SCL	206	8	3	TThS	8:40	YN	134	Cox, D. W.	
SCL	206	9	3	TTh	1:40	FG	220	Cox, D. W.	
				T	2:40				
SCL	206	10	3	TThS	10:40	YN	134	Cox, D. W.	
SCL	302	.....	3	M	7:00-9:30 PM	YN	228	Hilliard, P.	Children's Social Studies

SOCIOLOGY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
SY	241	1	3	MWF	7:40	PE	308		Sociological Foundations
SY	241	2	3	MWF	11:40	PE	308		
SY	241	3	3	MWF	2:40	PE	308		
SY	317	.....	3	TThS	9:40	PE	309	Atchley, M. H.	Methods in Social Work
SY	344	1	3	MWF	8:40	AU		Ehrmann, W. W.	Marriage and the Family
SY	344	2	3	MWF	12:40	AU		Ehrmann, W. W.	
SY	365	.....	3	MWF	10:40	LI	416	Smith, T. L.	Peoples, Cultures and Social Institutions of Brazil
SY	410	.....	3	MWF	2:40	PE	309	Patrick, J. M.	Social Ideals and Utopias
SY	422	.....	3	MWF	10:40	PE	309	Burrus, J. N.	Rural Social Organization
SY	424	.....	3	MWF	12:40	LE	207	Vedder, C. B.	Criminology
SY	425	.....	3	MWF	10:40	PE	308	Vedder, C. B.	Juvenile Delinquency
SY	426	.....	3	MWF	11:40	LI	416	Smith, T. L.	The City in American Life
SY	430	.....	3	To arrange					

(Continued on Next Page)

SOCIOLOGY—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
SY	443	.....	3	MWF	9:40	PE	308	Maclachlan, J. M.	The American Negro
SY	447	.....	3	MWF	1:40	PE	308	Smith, T. L.	Social Research and Investigation
SY	448	.....	3	MWF	8:40	PE	308	Atchley, M. H.	Community Organization
SY	510	.....	3	MWF	2:40	PE	309	Patrick, J. M.	Social Ideals and Utopias
SY	517	.....	3	TThS	9:40	PE	309	Atchley, M. H.	Methods in Social Work
SY	522	.....	3	MWF	10:40	PE	309	Burrus, J. N.	Rural Social Organization
SY	524	.....	3	MWF	12:40	LE	207	Vedder, C. B.	Criminology
SY	525	.....	3	MWF	10:40	PE	308	Vedder, C. B.	Juvenile Delinquency
SY	526	.....	3	MWF	11:40	LI	416	Smith, T. L.	The City in American Life
SY	543	.....	3	MWF	9:40	PE	308	Maclachlan, J. M.	The American Negro
SY	545	.....	3	M	7:00-9:30 PM	PE	308	Ehrmann, W. W.	Seminar: The Study of Marriage and the Family
SY	548	.....	3	MWF	8:40	PE	308	Atchley, M. H.	Community Organization
SY	560	.....	3	To arrange				Maclachlan, J. M.	Special Topics
SY	570	.....	3	MWF	1:40	PE	308	Smith, T. L.	Social Research

SOILS

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking SLS-301 will register for one lecture (Section 1 or 2) and one laboratory (Section 11, 12, or 13).									
SLS	301	1	3	TTh	8:40	FL	208	Caldwell, R. E.	Soils
SLS	301	2	3	WF	12:40	FL	208	Caldwell, R. E.	
SLS	301	11	..	S	8:40-10:30	FL	202	Caldwell, R. E.	
SLS	301	12	..	Th	3:40-5:30	FL	202	Rothwell, D.	
SLS	301	13	..	F	3:40-5:30	FL	202	Forbes, R.	
Students taking SLS-302 will register for one lecture (Section 1-5) and one laboratory (Section 11-18).									
SLS	302	1	3	MW	9:40	FL	208	Forbes, R.	Soil Fertility
SLS	302	3	3	TTh	10:40	FL	208	Rothwell, D.	

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
SLS	302	4	3	MW	8:40	FL	208	Rothwell, D.	
SLS	302	5	3	MW	7:40	FL	208	Forbes, R.	
SLS	302	11	..	W	3:40-5:30	FL	202	Rothwell, D.	
SLS	302	12	..	T	3:40-5:30	FL	202	Forbes, R.	
SLS	302	13	..	W	1:40-3:30	FL	202	McCall, W. W.	
SLS	302	14	..	Th	1:40-3:30	FL	202	Forbes, R.	
SLS	302	15	..	F	8:40-10:30	FL	202	Forbes, R.	
SLS	302	16	..	F	10:40-12:30	FL	202	Rothwell, D.	
SLS	302	17	..	T	1:40-3:30	FL	202	Rothwell, D.	
SLS	302	18	..	M	1:40-3:30	FL	202	Forbes, R.	
SLS	304	..	3	F	8:40	FL	208	Caldwell, R. E.	Soil Surveying
				Th	1:40-5:30	Field		Caldwell, R. E.	
SLS	402	.....	3	TTh	11:40	FL	208	Hammond, L. C.	Advanced Soil Fertility
				W	1:40-3:30	FL	101	Hammond, L. C.	

Students taking SLS-406 will register for one lecture (Section 1 or 2) and one laboratory (Section 11 or 12).

SLS	406	1	3	TTh	7:40	FL	208	McCall, W. W.	Soil and Fertilizers
SLS	406	2	3	TTh	10:40	FL	208	McCall, W. W.	
SLS	406	11	..	F	3:40-5:30	FL	208	McCall, W. W.	
SLS	406	12	..	F	3:40-5:30	FL	208	McCall, W. W.	
SLS	408	.....	3	MW	11:40	FL	208	McCall, W. W. and	Soil and Water Conservation
				M	1:40-3:30	FL	208	Rogers, F.	
SLS	420	.....	*	To arrange		FL	206	Thornton, G. D.	Problems in Soils
SLS	500	.....	*	To arrange		FL	206	Thornton, G. D.	Advanced Soils
SLS	501	.....	3	F	8:40	FL	102	Thornton, G. D.	Advanced Soil Microbiology
				Lab. to arrange		FL	204	Thornton, G. D.	
SLS	503	.....	3	MW	11:40	FL	302	Hammond, L. C.	Soil Physics
				Lab. to arrange		FL	202.1	Hammond, L. C.	
SLS	570	.....	*	To arrange		FL	206	Hammond, L. C. and Thornton, G. D.	Research in Soils

*Variable. Credit assigned must be shown on registration blank.

SPANISH

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
SH	33	1	3	MWF	2:40	AN	9	Sabal, A.	First-Year Spanish
SH	33	2	3	MWF	8:40	AN	18	Topete, J. M.	
SH	33	3	3	MWF	11:40	AN	18	Topete, J. M.	
SH	34	1	3	MWF	1:40	AN	18	Wershow, I. R.	First-Year Spanish
SH	34	2	3	MWF	9:40	AN	9	Sabal, A.	
SH	34	3	3	MWF	7:40	AN	18	Topete, J. M.	
SH	34	4	3	ThS	7:40	AN	18	Hayes, F. C.	
SH	34	5	3	TTh	10:40	AN	7	Hamilton, J.	
				Th	11:40				
SH	35	.....	6	Daily	7:40	AN	9	Wershow, I. R.	First-Year Spanish
SH	201	1	3	MWF	1:40	AN	9	Hayes, F. C.	Second-Year Spanish
SH	201	2	3	MWF	9.40	AN	18	Fernandez, P. V.	
SH	202	1	3	MWF	7:40	AN	7	Hamilton, J.	Second-Year Spanish
SH	202	2	3	MWF	2:40	AN	6	Topete, J. M.	
SH	202	3	3	MWF	8:40	AN	9	Hayes, F. C.	
SH	202	4	3	MWF	10:40	AN	6	Wershow, I. R.	
SH	205	.....	6	Daily	7:40	AN	6	Ramirez, A.	Second-Year Spanish
SH	304	.....	3	MWF	2:40	AN	4	Ramirez, A.	Modern Masterpieces of Spanish Literature
SH	314	1	3	MWF	1:40	AN	6	Fernandez, P. V.	Adv. Composition and Conversation
SH	314	2	3	TThS	8:40	AN	9	Ramirez, A.	
SH	326	.....	3	TThS	9:40	AN	9	Topete, J. M.	Latin-American Civilization
SH	408	.....	3	MWF	9:40	AN	7	Wershow, I. R.	Latin-American Literature
SH	415	.....	3	S	9:40-12:30	AN	6	Hayes, F. C.	Literature of the Golden Age —Calderon and His Contemporaries
SH	430	.....	*	To Arrange		AN	3-E	Fernandez, P. V.	Individual Work
SH	515	.....	3	MWF	2:40	LI	408	Fernandez, P. V.	Spanish Novelists and Essayists of the 19th Century

*Variable. Credit assigned must be shown on the registration blank.

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
SCH	202	1	1	T	4:40	AD	237	Brinegar, H. C.	Parliamentary Procedure
SCH	202	2	1	Th	4:40	AD	237		
SCH	222	.....	2	TTh	12:40	AD	358	Weaver, J. C.	Introduction to Radio
SCH	231	1	2	TTh	7:40	AD	206	Larry, C.	Voice and Diction
SCH	231	2	2	TTh	1:40	AD	206		
SCH	241	1	3	MWF	7:40	AD	206		Effective Speaking
SCH	241	2	3	MWF	8:40	AD	206		
SCH	241	3	3	MWF	8:40	AD	237		
SCH	241	4	3	MWF	9:40	AD	237		
SCH	241	5	3	MWF	9:40	AD	206		
SCH	241	6	3	MWF	10:40	AD	357		
SCH	241	7	3	MWF	10:40	AD	206		
SCH	241	8	3	MWF	11:40	AD	237		
SCH	241	9	3	MWF	11:40	AD	357		
SCH	241	10	3	MWF	12:40	AD	237		
SCH	241	11	3	MWF	12:40	AD	206		
SCH	241	12	3	MWF	1:40	AD	237		
SCH	241	13	3	MWF	2:40	AD	206		
SCH	241	14	3	MWF	3:40	AD	237		
SCH	241	15	3	MWF	4:40	AD	358		
SCH	241	16	3	TThS	8:40	AD	239		
SCH	241	17	3	TThS	8:40	AD	206		
SCH	241	18	3	TThS	9:40	AD	237		
SCH	241	19	3	TThS	10:40	AD	206		
SCH	250	.....	3	MWF	12:40	AD	239	Dusenbury, D. B.	Acting
SCH	301	1	3	MWF	10:40	AD	237	Dickey, D. C.	Advanced Public Speaking
SCH	301	2	3	MWF	11:40	AD	206	Ehninger, D. W.	
SCH	307	.....	3	MWF	8:40	AD	239		
SCH	308	.....	3	MWF	9:40	AD	239		Interpretation of Literature
SCH	309	.....	3	M	12:40	AD	238	Rickert, R. T.	Staging and Lighting
				TTh	12:40-2:30	AD	238		
SCH	310	.....	3	MWF	2:40	AD	239	Dusenbury, D. B.	Directing
SCH	311	1	3	TTh	12:40	AD	357	Steis, W. B.	Speech Training for the Radio
				S	8:40-10:30	AD	357		
SCH	311	2	3	TTh	1:40	AD	357		
				S	8:40-10:30	AD	237		
SCH	312	.....	3	MWF	2:40	AD	237	Constans, H. P.	Courtroom Speaking

(Continued on Next Page)

SPEECH—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
SCH	314	.....	3	TTh	12:40-2:30	AD	237	Ehninger, D. W.	Types of Public Discussion
SCH	315	.....	3	MWF	1:40	AD	206	Larry, C.	Applied Phonetics
SCH	318	.....	3	MWF	1:40	AD	357	Weaver, J. C.	Radio Writing
SCH	322	.....	3	TTh	8:40-10:30	AD	357	Weaver, J. C.	Radio Programming and Production
				S	10:30				
SCH	406	.....	3	MWF	8:40	AD	357	Dickey, D. C.	Famous British Speakers
SCH	410	.....	3	MWF	10:40	AD	358	Tew, R. E.	Scientific Bases of Speech
SCH	418	.....	3	MWF	11:40	AD	358	Hale, L. L.	Correction of Speech Defects
SCH	420	.....	3	M	7:00-9:30 PM	AD	358	McClellan, M. C.	Speech Activities in the School
SCH	422	.....	3	MWF	2:40	AD	357	Steis, W. B.	Radio Station Management
SCH	501	.....	3	MWF	3:40	AD	239	Dusenbury, D. B.	Playwriting
SCH	506	.....	3	MWF	8:40	AD	357	Dickey, D. C.	Seminar in British Oratory
SCH	508	.....	3	TTh	3:40-5:00	AD	206	Ehninger, D. W.	Modern Rhetoric
SCH	510	.....	3	MWF	10:40	AD	358	Tew, R. E.	Scientific Bases of Speech
SCH	512	.....	3	S	9:40-12:30	AD	358	Hale, L. L.	Seminar in Stuttering
SCH	515	.....	3	MWF	1:40	AD	206	Larry, C.	Applied Phonetics
SCH	518	.....	3	MWF	11:40	AD	358	Hale, L. L.	Advanced Speech Correction
SCH	520	.....	3	To arrange				.....	Experimental Problems in Speech
SCH	522	.....	3	TTh	1:40-4:30	AD	331	Hale, L. L.	Clinical Practice
				S	8:40	AD	358		
SCH	532	.....	3	MWF	12:40	AD	357	Weaver, J. C.	Radio Standards and Policies

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
VY	301	1	3	MWF	8:40	UA	1	Van Ness, G.	Anatomy and Physiology
VY	301	2	3	MWF	1:40	FL	104	Van Ness, G.	
VY	401	.....	3	MWF	12:40	FL	104	Van Ness, G.	Farm Sanitation and Disease Control
VY	402	.....	2	MW	7:40	FL	104	Emmel, M. W.	Poultry Diseases
VY	543	.....	*	To arrange				Emmel, M. W.	Problems in Animal Pathology
VY	545	.....	*	To arrange				Swanson, L. E.	Problems in Animal Parasitology

*Variable. Credit assigned must be shown on registration blank.

TESTS TO BE GIVEN BY BOARD OF UNIVERSITY EXAMINERS DURING THE SECOND SEMESTER 1950-51

Dept.	Course		Date	Hour	Place*
C	11	Progress Test	Thurs., March 15	8:30 p.m.	
C	11	" "	Thurs., April 19	8:30 p.m.	
C	12	" "	Thurs., March 15	6.45 p.m.	
C	12	" "	Thurs., April 19	6.45 p.m.	
C	21	" "	Tues., March 13	8:30 p.m.	
C	21	" "	Tues., April 17	8:30 p.m.	
C	21	" "	Thurs., May 17	7:00 p.m.	
C	22	" "	Tues., March 13	7:00 p.m.	
C	22	" "	Tues., April 17	7:00 p.m.	
C	31	Diagnostic Test	Thurs., Feb., 22	7:00, 8:30 p.m.	
C	31	Progress Test	Thurs., March 29	8:30 p.m.	
C	31	" "	Thurs., April 26	8:30 p.m.	
C	32	" "	Thurs., March 29	7:00 p.m.	
C	32	" "	Thurs., April 26	7:00 p.m.	
C	32	Diagnostic Test	Tues., May 15	7:00, 8:30 p.m.	
C	41	Progress Test	Thurs., April 5	7:00 p.m.	
C	41	" "	Thurs., May 3	8:30 p.m.	
C	42	" "	Tues., March 6	7:00 p.m.	
C	42	" "	Thurs., May 3	7:00 p.m.	
C	51	" "	Tues., March 20	8:30 p.m.	
C	51	" "	Tues., April 24	8:30 p.m.	
C	52	" "	Tues., March 20	7:00 p.m.	
C	52	" "	Tues., April 24	7:00 p.m.	
C	61	" "	Tues., April 3	8:30 p.m.	
C	61	" "	Tues., May 1	8:30 p.m.	
C	62	" "	Tues., April 3	7:00 p.m.	
C	62	" "	Tues., May 1	7:00 p.m.	
CY	101	" "	Tues., April 10	8:30 p.m.	
CY	101	" "	Thurs., May 10	8:30 p.m.	
CY	102	" "	Tues., April 10	7:00 p.m.	
CY	102	" "	Thurs., May 10	7:00 p.m.	
ES	203	" "	Thurs., March 8	7:00 p.m.	
ES	203	" "	Thurs., April 26	8:30 p.m.	
MS	105	" "	Thurs., March 8	8:30 p.m.	
MS	105	" "	Tues., May 8	8:30 p.m.	
MS	106	" "	Tues., March 6	8:30 p.m.	
MS	106	" "	Tues., May 8	7:00 p.m.	

[illegible] will be announced prior to each test.

SUMMER SESSION 1951

The University Record of the University of Florida

VOL. XLVI Series 1, No. 2 February 1, 1951

Published monthly by the University of Florida, Gainesville, Florida. Entered in the post office in Gainesville, Florida, as second class matter, under Act of Congress, August 24, 1912. Office of Publication, Gainesville, Florida.

The University Record Comprises:

The Reports of the President to the Board of Control, the Annual Catalog, the Schedules, the Bulletin of the Summer Session, and announcements of special courses of instruction.

These bulletins will be sent without charge to all persons who apply for them. The applicant should specifically state which bulletin or what information is desired. Address

THE REGISTRAR,
University of Florida,
Gainesville, Florida

STATE BOARD OF EDUCATION

FULLER WARREN.....Governor
R. A. GRAY.....Secretary of State
J. EDWIN LARSON.....State Treasurer
RICHARD ERVIN.....Attorney General
THOMAS D. BAILEY, *Secretary*.....State Superintendent of Public Instruction

BOARD OF CONTROL

FRANK M. HARRIS, LL.B., *Chairman*.....Attorney at Law
St. Petersburg, Florida
ELI H. FINK, LL.B.....Attorney at Law
Jacksonville, Florida
N. B. JORDAN.....Banker
Quincy, Florida
HOLLIS RINEHART, LL.B.....Attorney at Law
Miami, Florida
GEORGE J. WHITE, SR.....Banker
Mount Dora, Florida

WILLIAM F. POWERS.....*Secretary of the Board of Control*
Tallahassee, Florida

UNIVERSITY ADMINISTRATIVE OFFICERS

JOSEPH HILLIS MILLER, A.B., A.M., Ph.D., Litt.D., LL.D.
—President of the University
JOHN STUART ALLEN, Ph.D.....Vice-President of the University
WILLIAM TOBIAS ARNETT, M.A. in Arch.
—Dean of the College of Architecture and Allied Arts
GEORGE FECHTIG BAUGHMAN, M.A., LL.B.....Business Manager
ROBERT COLDER BEATY, M.A.....Dean of Men
ALVAH A. BEECHER, M.M.....Director of Music
MARNA VENABLE BRADY, Ed.D.....Dean of Women
HARLEY WILLARD CHANDLER, M.S.....Dean of the University
HAROLD GRAY CLAYTON, M.S.A.....Director of the Agricultural Extension Service
HENRY ANDERSON FENN, LL.B.....Dean of the College of Law
WILLARD M. FIFIELD, M.S.A.....Director of the Agricultural Experiment Station
PERRY ALBERT FOOTE, Ph.D.....Dean of the College of Pharmacy
RICHARD SADLER JOHNSON, B.S.P.....Registrar
WINSTON WOODARD LITTLE, M.A.....Dean of the University College
JOHN VREDENBURG MCQUITTY, Ph.D.....University Examiner
WALTER JEFFRIES MATHERLY, M.A., LL.D.
—Dean of the College of Business Administration
DONALD RAY MATTHEWS, M.A.....Director of Alumni Affairs
RALPH ALEXANDER MORGEN, Ph.D.
—Director of the Engineering Experiment Station
HAROLD STEPHENSON NEWINS, M.F.....Director of the School of Forestry
CLARENCE VERNON NOBLE, Ph.D.....Dean of the College of Agriculture
RALPH EMERSON PAGE, Ph.D.....Dean of the College of Arts and Sciences
J. WAYNE REITZ, Ph.D.....Provost for Agriculture
HAROLD CLARK RIKER, M.A.....Director of Housing
BERT CLAIR RILEY, B.A., B.S.A.....Dean of the General Extension Division
THOMAS MARSHALL SIMPSON, Ph.D.....Dean of the Graduate School
DENNIS KEITH STANLEY, M.Ed.
—Dean of the College of Physical Education, Health and Athletics
JOSEPH WEIL, M.S.....Dean of the College of Engineering
RAE O. WEIMER.....Director of the School of Journalism
STANLEY LEROY WEST, B.S. in L.S., LL.B.....Director of Libraries
J. B. WHITE, Ph.D.....Dean of the College of Education
EDWARD D. WHITTLESEY, B.A.....Director of Public Relations
WILLIAM MAX WISE, Ed.D.....Dean of Student Personnel

CALENDAR 1951 SUMMER SESSION

ALL UNITS EXCEPT COLLEGE OF LAW

May 5, Saturday	Last day for filing preliminary application for 1951 summer session.
June 13, Wednesday	Placement tests for entering students.
June 14-16, Thursday-Saturday	Registration according to appointments assigned on receipt of preliminary application.
June 18, Monday, 7 a.m.	Classes begin. All registration fees increased $5.00 for persons completing registration on or after this date.
June 19, Tuesday, 5 p.m.	Last time for completing registration for the summer session. No one will be permitted to start registration after 3 p.m. on this date. Last time for adding courses or changing sections.
June 22, Friday, 4 p.m.	Last time for submitting resignation for the summer session and receiving any refund of fees.
June 23, Saturday, 12 noon	Last time for making application at the Office of the Registrar for degree to be conferred at the end of the summer session.
July 4, Wednesday	Holiday—Classes suspended.
July 9, Monday, 4 p.m.	Last time for dropping courses without receiving a grade of E.
July 27, Friday	Last day for candidates for degrees to be conferred at end of the summer session to complete correspondence courses.
July 30, Monday, 4 p.m.	Last time for candidates for Master's and Doctor's degrees to be conferred at the end of the summer session to file theses with the Dean of the Graduate School.
August 14, Tuesday, 7 a.m.	Final examination period begins. First semester registration begins for students enrolled in the summer session.
August 16, Thursday, 4 p.m.	Grades for all candidates for degrees to be conferred at the end of the summer session are due in the Office of the Registrar (special lists are sent to the faculty for these reports).
August 17, Friday	Faculty meetings, at times announced by the Deans, to pass upon candidates for degrees.
August 18, Saturday, 12 noon	All grades for the summer session due in the Office of the Registrar.
August 18, Saturday, 8 p.m.	Summer Commencement Convocation.

ADMISSION

GENERAL STATEMENT

The Board of University Examiners is the agency responsible for administering all admissions to the University and its various components.

Students who are planning to enter the University of Florida for the first time will be considered for admission as follows:

1. If the student is entering the University from high school and has not attended college, he will be considered for admission to the University College.
2. If the student is transferring to the University from another college or university and is presenting less than 64 semester hours of acceptable college credit for advanced standing, he will be considered for admission to the University College.
3. If the student is transferring to the University from another college or university and is presenting 64 semester hours or more of acceptable college credit as advanced standing toward a baccalaureate degree, he will be considered for admission to the Upper Division school or college of his choice provided his record indicates the completion of college work in the Social Sciences, the Physical Sciences, English, the Humanities, and the Biological Sciences.
4. If the student wishes to pursue graduate studies and has been graduated from a standard college or university, he will be considered for admission to the Graduate School.
5. If a student desires to attend the Summer Session not for pursuing work toward a degree but for meeting some specific need, such as the satisfaction of teacher certification requirements, he will be considered for admission as an unclassified student.

ADMISSION TO THE 1951 SUMMER SESSION

The 1951 Summer Session is open to all qualified applicants, provided preliminary application is filed in accordance with instructions listed in the following paragraph.

No applicant will be considered for admission to the 1951 Summer Session unless the preliminary application has been received at the Office of the Registrar on or before Saturday, May 5, 1951. Other application forms (if required), which will be sent upon the receipt of the preliminary application, must be in the Office of the Registrar on or before June 1. It will be impossible to consider applications received after these dates. All persons planning to attend the Summer Session, whether or not they have previously attended the University, must file the preliminary application form to be considered.

REQUIREMENTS FOR ADMISSION TO SCHOOLS AND COLLEGES

REQUIREMENTS FOR ADMISSION TO THE UNIVERSITY COLLEGE

A. For students who have never attended college:

1. *Graduation from high school.* Records show that the student who does not graduate from high school in the top half of his class rarely succeeds in college work. The University urges the prospective student to consider this fact carefully before making application. Non-Florida students will not be considered for admission if they do not meet this criterion.

2. *Satisfactory achievement in high school.* The University does not specify any high school units as required, but the general pattern of the units presented and the student's achievement will receive careful consideration. The records reveal that those students who scatter most in their choice of subjects are those who accomplish least in any of them. Therefore applicants who present a record which shows no unity or a lack of essential subjects cannot be considered.
3. *Satisfactory scores on placement tests.* All applicants must take the placement tests before being admitted to the University College. There are achievement tests in the fields of English, mathematics, social studies, and natural sciences. Attainments in these fields are possible without specific high school courses and are not guaranteed by the acquiring of certain high school units. If the scores on the placement tests indicate inadequate foundation for college work, the applicant may be denied admission.

B. For transfer students:*

1. *Honorable Dismissal.* The student must be eligible to return to the institution last attended. Students who for any reason will not be allowed to return to the institution last attended cannot be considered for admission.
2. *Satisfactory record.* All transfer students must have made an average of C or higher on all work attempted at all institutions previously attended to be considered for admission. The University of Florida accepts on transfer only those courses completed at other institutions with grades of C or higher.

REQUIREMENTS FOR ADMISSION TO THE UPPER DIVISION

A. From the University College:

See elsewhere in this bulletin the various programs of the University College and the specific requirements listed under the curricula of the several colleges and schools.

B. By advanced standing from other institutions:

1. *Honorable dismissal from the institutions previously attended.* An applicant for admission who for any reason is not eligible to return to the institution last attended cannot be considered for admission to the University.
2. *An average of C or better.* The average grade for all work attempted at other institutions must be C or better. An average grade of C or better is required for graduation from the University of Florida, and one who has not maintained this average before coming to the University need not apply.
3. A minimum of 64 semester hours accepted as transfer credit (only those courses completed at other institutions with grades of C or higher) not more than four of which are in Military Science or Physical Education.
4. *Specific course requirements for the professional school of the applicant's choice.* The courses listed as required for admission to the Upper Division under the various curricula or acceptable substitutes must be offered as advanced standing to qualify the student for admission to the Upper Division. An applicant lacking some of these requirements may be permitted to enroll in the Upper Division and complete them without reducing the credits required in the Upper Division for a degree. In some cases the

* The student who has matriculated at any college or university, regardless of the amount of time spent in attendance or credit earned, is regarded as a transfer student.

student may be required to enroll in the University College until these requirements are met.

ADMISSION TO THE COLLEGE OF LAW

Beginning courses in Law are not offered in the Summer Session, hence new students are not admitted in June. For admission requirements for regular sessions see The University Catalog.

ADMISSION TO THE GRADUATE SCHOOL

To be admitted to the Graduate School an applicant must be a graduate of a standard college or university and have a foundation in the major subject sufficient in quantity and quality to be satisfactory to the department in which the student proposes to major.

A **complete transcript of all undergraduate and graduate work must be transmitted to the Office of the Registrar before the date of registration.**

ADMISSION OF UNCLASSIFIED STUDENTS

To be admitted as an unclassified student the applicant must submit a statement of honorable dismissal from the institution last attended.

ADMISSION INFORMATION FOR VETERANS

In addition to the regular academic requirements as set forth in the foregoing pages, the entering veteran will be interested in the procedures necessary to qualify for the various types of educational benefits available to veterans of World War II.

THOSE ENTERING UNDER THE G. I. BILL (PUBLIC LAW 346)

Under the provisions of this act the United States Veterans Administration assumes responsibility for fees and costs of instructional materials actually needed by any veteran who holds an honorable discharge and who had ninety days or more of active duty.

Application should be made to the Veterans Administration well in advance of the Summer Session. Special forms for this purpose are available at the various offices of the Veterans Administration. If there is no office in your city, the forms can be obtained by addressing the Veterans Administration, Pass-a-Grille Beach, Florida. With this form must be submitted appropriate documents as required by the Veterans Administration. These include certified copies of honorable discharges or certificates of separation, which would show your entire service history. If claim is to be made for dependents, additional evidence must be submitted. It is advisable that you consult with some representative of the Veterans Administration for assistance in preparing such documents.

If the application is approved, the veteran will receive from the Veterans Administration a form called a Certificate of Eligibility. The veteran should keep this in his possession until he actually reports for registration at the University. If the Certificate of Eligibility has not been received by the applicant by the time he is to report for registration, he will be charged for fees and books until the Certificate of Eligibility has been cleared with the Veterans' Record Section of the office of the Registrar. The veteran will be refunded monies expended for fees and required supplies obtained from the University Bookstore upon presentation of receipts to the Auditor of Veterans Accounts after his Certificate of Eligibility has been cleared. The veteran's subsistence payments (which are made

directly to him) cannot begin until the Certificate of Eligibility properly endorsed by the veteran has been filed with the Office of the Registrar, in turn endorsed by him, and forwarded to the Veterans Administration.

THOSE ENTERING UNDER VOCATIONAL REHABILITATION ACT (PUBLIC LAW 16)

Government benefits are awarded to certain veterans who have service-connected disabilities. Application must be made to the Veterans Administration and should be made well in advance of the time the student expects to enter. If the veteran's application for benefits under this act has not been approved by the time he is to report for registration, he should bring a copy of his discharge or certificate of service and begin his University work under the provisions of Public Law 346. Advisors from the Veterans Administration will be present during registration to assist such men in making application for benefits under Public Law 346. These advisors will not, however, be in a position to act upon applications for Public Law 16 in such a way that the eligibility for benefits can be determined immediately.

COLLEGE CREDIT FOR SERVICE TRAINING

Veterans will be allowed credit for training and experience obtained in the armed forces during the war in accordance with the recommendations of the American Council on Education as set forth in "A Guide to the Evaluation of Educational Experiences in the Armed Services." All veterans entering or reentering the University should consult the Director of Admissions in the Office of the Registrar. In many cases it will be helpful to the student and his dean in planning a program if this can be done in advance of registration.

INFORMATIONAL AND ADVISORS' SERVICES

All agencies of the University are serving student veterans and can be of assistance in many ways. Probably the best results can be obtained if the following are consulted for the type of information or services indicated:

A. Information pertaining to Veterans Administration procedure and regulations: Officer in Charge, Veterans Administration Contact Office, Tenth Floor Seagle Building, Gainesville.

B. Vocational Guidance: Veterans Guidance Center, Seagle Building, Gainesville, or The Bureau of Vocational Guidance, Room 308, Administration Building, University of Florida.

C. College credit for service training: Director of Admissions, Room 135, Administration Building, University of Florida.

D. General information and advice: Office of the Counselor for Veterans, Room 128, Administration Building, University of Florida.

ADMISSIONS INFORMATION FOR INDIVIDUALS WHO ARE NOT CITIZENS OF THE UNITED STATES

The student from another country must:

1. Comply with the regulations of that country or nation and adhere to the regulations of the Department of Justice of the United States.
2. Meet the admissions requirements of the University of Florida.

SPECIAL ADMISSION REQUIREMENTS FOR ALIENS

English Language Proficiency

The student must present satisfactory evidence of proficiency in the use of spoken and written English, adequate to assure success in the program of studies to be pursued.

Financial Arrangements

The student must present satisfactory evidence that adequate finances are assured in an amount sufficient for the student to pursue his program of studies.

When to Apply

The times set forth in this catalog for making application for admission are the dates after which the application will not be considered. It is urged that the first application or letter of inquiry be made at least six months before the student plans to begin study at the University of Florida.

Where to Apply

Make application to: Director of Admissions
Office of the Registrar
University of Florida
Gainesville, Florida, U.S.A.

Follow carefully the instructions submitted by the Director of Admissions.

EXPENSES

REGISTRATION FEES

	Three Week Term	Six Week Term	Nine Week Term
Registration Fee (Florida students)	$ 20	$ 35	$ 45
Registration Fee (non-Florida students)	55	105	145

SPECIAL FEES

Late Registration Fee	5	5	5
Breakage Fee (Chemistry, Pharmacy, Biology, Physics and Soils)	5	5	5
Graduation Fee, Bachelor's Degree	10	10	10
Graduation Fee, Master's or Doctor's	20	20	20
Field Trip, AS 406	*	3	3
Field Trip, AS 409	*	10	10
Applied Music Fee	*	20**	30**
Practice Room	*	5**	5**
Instrument Rental	*	5**	5**

EXAMINATION FEES

A non-refundable fee of $1, payable on the day of application, is charged for each application for a comprehensive examination. Applications are necessary only in case the student is not currently registered in the course concerned.

A comprehensive examination for all entering graduate students in Education (National Teachers Examination, or equivalent) is required. A fee of $6.00 is charged.

REFUND OF FEES

If before 4 p.m. on Friday of the first week of each term students for any reason wish to withdraw from the University, the fees paid, less a flat fee of $3, will be refunded. No refunds will be made after this date.

LIVING EXPENSES

Current costs of living are reflected in charges for food and lodging in the Gainesville area. Meals may be obtained at relatively reasonable cost at the new

* Not offered.
** Accelerated scheduling during 6 week session.

University Cafeteria, the Campus Club, University Soda Fountain, and at various restaurants and cafeterias located adjacent to the campus. Lodging is available in University Housing Facilities, in private rooming houses off-campus, and in fraternity and sorority houses.

STUDENTS DEPOSITORY

For the convenience and protection of students while in residence at the University, funds may be deposited with the Cashier. A service charge of fifty cents is made on each account, per term.

STUDENT LIFE

OFFICE OF THE DEAN OF STUDENT PERSONNEL

The Dean of Student Personnel coordinates the counseling and service activities which are available to aid the student in solving personal and educational problems and to help him in selecting a balanced program of social and recreational activities.

OFFICE OF THE DEAN OF MEN

The Dean of Men has broad responsibilities for the welfare of men students. He serves in an advisory capacity to the Office of Student Personnel and to the other University agencies interested in the welfare of students.

More specifically, the Dean of Men (1) Is a personal counselor to students (both men and women) on a variety of interests and problems. (2) Advises with the Office of Student Personnel concerning the need for new student personnel services and the modification of present services to more adequately meet the needs of the student body. (3) Is the principal adviser and counselor to men's social fraternities and the Interfraternity Council. (4) Serves as a chief adviser to student self-government, consulting with various officials and bodies which guide these activities. (5) Serves as a chief adviser to students who are charged with breach of discipline. (6) Has contact with the parents of men students and draws attention of parents to problems handicapping the student in his progress at the University. (7) Serves as a member of University committees which are directly concerned with the welfare of students. (8) Contributes to the student personnel records and cooperates in the development of these records by furnishing information for them. (9) As chairman of the Committee on Student Aid, Scholarships and Awards, he administers the loan and scholarship funds of the University. He further supervises the administration of campus employment of students to the extent of counseling students seeking jobs, certifying their eligibility and of referring them to positions which are known to be available. (10) In cooperation with the Director of Housing, acts in administrative, supervisory, and counseling capacity with relation to the University residence halls and men's fraternity houses.

OFFICE OF THE DEAN OF WOMEN

The Dean of Women has broad responsibilities for the welfare of women students. She serves as a personal and social counselor for students on a variety of interests and problems and refers students to other services or agencies if necessary. In cooperation with the Adviser to Student Organizations and the Dean of Men she serves as an adviser to student government and to such student organizations as the Women's Student Association, Residence Hall Counselors, and the Panhellenic Council. The Dean of Women, in cooperation with the Director of Housing, acts in administrative, supervisory, and counseling capacity with relations to the University residence halls and women's fraternity houses.

The Adviser to Student Organizations, whose office is related to the Offices of the Dean of Men and the Dean of Women, is interested in the activities of all organized student groups on the campus. This includes the 150 or more student societies and clubs, the 24 national men's fraternities, and the 11 national women's fraternities. He is a counselor for personal and group problems related to all student organizations and also provides the Interfraternity Council with leadership and guidance.

This office provides the machinery for the formation and recognition of new organizations on the campus and also maintains a complete file about all organizations. It is the center for all social authorizations and in addition has the responsibility of the publication of a weekly and an annual social calendar.

OFFICE OF THE DIRECTOR OF HOUSING

University housing facilities are under the supervision of the Director of Housing. Major objectives of this office are to develop and maintain comfortable living accommodations and to promote policies and programs aimed toward improving scholastic achievement, personality development and the participation of the individual student in the responsibilities and opportunities of group living.

Residence halls for women are carefully supervised by qualified full-time personnel. In addition, elected hall councils exercise positive responsibility in the day-to-day activities of the women students. In the residence halls for men there are full-time resident advisers and resident faculty counselors. Carefully selected student counselors, heading student groups of approximately 60 men each, assist individual and group activities. Resident student managers have operational charge of the veterans' apartments.

FLORIDA CENTER OF CLINICAL SERVICES

The clinics which operate as a coordinated service under this division are available to all University students. The Coordinator of this Center is located in Room 339, Administration Building, telephone extension 526. This organization of clinics is intended to provide the student with comprehensive clinical service. Students are urged to avail themselves of these services before their problems or difficulties become aggravated and greater than may be necessary.

The services of the clinics are available to the residents of the State of Florida for diagnostic purposes and therapy insofar as personnel and facilities will permit. Residents of the State should make appointments through the office of the Coordinator. University students should contact the Coordinator of the Center or the head of the clinic in which he desires assistance.

BUREAU OF VOCATIONAL GUIDANCE AND MENTAL HYGIENE

The Head of the Bureau of Vocational Guidance and Mental Hygiene is in Room 312, Administration Building, telephone extension 345. This bureau has offices and testing rooms in the north wing of the third floor of the Administration Building.

Certain members of the staff of the Department of Psychology who have comprehensive training and experience in clinical work serve in the bureau. One of their functions is to aid the student on an individual basis to plan a vocational objective consistent with his capacity, interest, and temperament. Approved test and interview methods are used, and results are supplemented by a complete description of the occupations involved. A wealth of additional occupational information is available in the bureau reading room under the direction of a staff member.

Other services of the bureau include help to students who find their work hampered by worries, adjustment difficulties, and other troublesome conditions.

SPEECH AND HEARING CLINIC

The Speech and Hearing Clinic is located on the third floor of the Administration Building. The office of the Head of this clinic is in Room 323, Administration Building, telephone extension 347. The clinic functions as a service to University students who have speech and hearing problems which are handicapping in nature and which render a student's communication less attractive and suitable to his personal potentialities. In addition to losses in hearing, such impairment includes: stuttering, cleft palate speech, articulatory problems, paralyses, voice abnormalities. Special instruction is provided to meet the needs of foreign speaking students.

In pursuance of its function the clinic conducts an examination of all incoming students during the week of orientation for the purpose of discovering those who need special instruction.

In addition to diagnostic and remedial speech service, the clinic offers complete hearing evaluation. This service gives attention to various methods for the conservation of hearing and includes the fitting of hearing aids.

READING LABORATORY AND CLINIC

The Reading Laboratory and Clinic is the center for training and research in reading and the allied language arts. The clinic is situated on the north side of the third floor of Anderson Hall. The office of the Head of this clinic is in room 310, Anderson Hall, telephone extension 379.

Through the use of interviews and diagnostic tests, the clinic plans a program of study and training in reading skills for each individual who demonstrates a need for assistance. This training is undertaken at the clinic under the supervision of trained personnel. The program is scheduled according to the needs of the student, the time available, and the amount of training necessary for permanent improvement of reading skills.

In addition to remedial functions, the clinic trains teachers and graduate students in the techniques of diagnosis and remediation. This training is carried on through the medium of laboratory courses and participation in the work of the clinic. The clinic also carries on a program of research in many aspects of the field of reading and aids students and faculty members engaged in allied research.

ADAPTED AND THERAPEUTIC PHYSICAL EDUCATION

The Adapted and Therapeutic section of the Department of Required Physical Education assists those students who have physical deviations which necessitate individual consideration in developing a sports program that is within the limits of their physical capacity. In planning these programs, due consideration is given to the individual's interests and the social and recreational needs of adult life. This clinic is located in the Florida Gymnasium. The office of the Head of this division is Room 134, Florida Gymnasium, telephone extension 244.

Programs of functional therapeutic exercise are provided for those students having physical deviations that can be corrected or ameliorated by such work. In such cases the exercise takes precedence but is not a substitute for the requirements for developing the recreational program. The work is conducted under careful supervision and is based on adequate medical diagnosis and information.

Every effort is made to guide individuals to other campus and community agencies and clinics that may assist them in solving problems arising from their physical condition.

MEDICAL DIAGNOSIS AND TREATMENT

The staff of the Department of Student Health provides diagnostic and consultative services to the Center.

The reader should refer to the description of Student Health Service, page 13.

VETERANS GUIDANCE CENTER

The University Veterans Guidance Center provides guidance and counseling in the matter of helping veterans with the problems they confront in the choosing of and preparation for their life work. The Center may refer veterans to other agencies for help in the solution of special allied problems.

Through the use of data obtained from interviews, tests, and other sources the center assists in planning a program most suitable to the individual. Tests of aptitude, interest and personality characteristics are used.

Interested veterans may make an appointment by contacting Veteran Administration Chief, Advisement and Guidance Center on the tenth floor of the Seagle Building, or the Director of the Veterans Guidance Center, tenth floor of the Seagle Building.

OFFICE OF STUDENT PERSONNEL RECORDS

Using various sources, the office of Student Personnel Records collects and integrates information concerning social and scholastic activities of each student. It makes this information available to qualified counselors who aid the student in making educational, social, psychological, and vocational adjustment. The keeping of personnel records is an effort in the understanding of, and service to, the individual student as he has contact not only with the classroom, but also with all phases of his university life.

STUDENT EMPLOYMENT

Every effort is made to aid qualified students in obtaining part-time employment. Opportunities are limited; consequently the number of part-time jobs available does not approach the number of applicants seeking these jobs. Every attempt is made to place students in work that utilizes their training and experience.

Each student who is employed by the University must have an honor point average of "C" for the semester or term immediately preceding his employment. The average rate of pay per hour is between 50 and 75 cents; the average earnings per month are about $40.

Student employment is directed by the Committee on Student Aid, Scholarships, and Awards, with the Assistant Dean of Men administering the program. All applications for work should be made prior to the opening of the semester in which employment is desired. Application for work, however, may be filed at any time.

Inquiries should be addressed to:

Assistant Dean of Men
University of Florida
Gainesville, Florida.

SCHOLARSHIPS AND LOAN FUNDS

For information on scholarships and loans at the University of Florida students should refer to the Dean of Men, who is chairman of the committee on Student Aid, Scholarships and Awards, and to the regular session catalog or the special bulletin on Scholarships, Loan Funds and Student Employment for details on the various types of aid.

HOUSING

GENERAL INFORMATION

It is the responsibility of each student to initiate action for the purpose of obtaining his own housing by (1) Applying to the Office of the Director of Hous-

ing for assignment to University Housing Facilities, or (2) Making his own arrangements direct with the property owner for off-campus accommodations in private housing.

All freshman single students, with the exception of those whose homes are in the Gainesville area, are required to live in University Housing Facilities as long as space is available. All women students are required to live in University Housing Facilities during the Summer Session, regardless of classification, as long as space is available.

Rates quoted on all housing facilities are subject to change without notice. All facilities are equipped with basic furniture requirements such as beds, mattresses, dressers, desks, and chairs. Residents may supply their own drapes, pictures, bedspreads, rugs, lamps, and linens.

Linens (sheets, towels, and pillow cases) are available for rent on a weekly exchange basis; pillows, blankets, and limited amounts of extra equipment are available for rent on a term basis. Linen rates per week are: sheets, 15¢ each; towels, 7¢ each; pillow cases, 6¢ each. Blankets, pillows, and lamps are: 60¢ per nine weeks term; 45¢ per six weeks term; and 30¢ per three weeks term.

Heavy luggage may be sent ahead, prepaid, addressed in the student's name and assigned room number. Such shipments will be held in the area trunk rooms until called for by the student. The University assumes no responsibility beyond the exercise of reasonable care for any shipment so received.

Carefully selected and trained personnel are in charge of each area, building, or section. Students with personal problems or questions concerning procedure or policy are aided by the Head Resident, Resident Adviser, or Student Counselor in charge of the area, building, or section.

APPLICATIONS, ROOM DEPOSITS, AND ASSIGNMENTS

All communications or inquiries concerning housing, applications, deposits, and rent payments in University Housing Facilities should be sent to the Director of Housing, University of Florida, Gainesville. An application for space in housing facilities may be filed at any time. Checks or money orders should be made payable to the University of Florida. Cash should NOT be sent through the mail.

Completed applications should be forwarded to the Housing Office at the earliest possible date. The completed application and ten dollar deposit must be received at the same time; it is not possible to accept them separately.

Each applicant will be given advance notice of exact assignment and deadline date for payment of rent if application and deposit are received in sufficient time before the summer term begins.

The various halls, sections, or floors of halls will be assigned in accordance with the stated length of time that applicant will be in residence during the Summer Session. Specific areas will be set aside for the following groups: those in residence nine weeks; six weeks; and three weeks.

In general, only those applicants attending for similar periods of time can be assigned as roommates. Roommate requests are honored wherever possible, provided the individuals concerned submit their applications and pay room deposits on the same date and clearly indicate their desire to room together.

LIVING FACILITIES FOR SINGLE MEN STUDENTS

Five Permanent Residence Halls (Buckman, Thomas, Sledd, Fletcher, and Murphree) of modern brick, concrete, and steel construction. Types of rooms available are: two room suites (study room and bedroom) for two; double rooms for two; and single rooms. Each hall is divided into sections accommodating from 30 to 45 men per section. All but a few rooms have lavatories, and there is a community bath with shower and toilet facilities on each floor in each section. Several lounges are available for study and entertainment. Summer Session

rates range from $27.00 to $38.00 per person per nine weeks term. For special groups rates are: $19.50 to $27.00 per person per six weeks term; $10.50 to $14.50 per person per three weeks term.

LIVING FACILITIES FOR SINGLE WOMEN STUDENTS

Three Permanent Residence Halls (Mallory, Yulee, and Reid) of modern brick, concrete, and steel construction. Accommodations consist of single and double rooms. Community baths with toilets, lavatories, and showers are located on each floor of each hall. Each building contains a large lounge on the main floor, a small lounge on each upper floor, and a recreation room on the ground floor. There are laundry rooms, sewing rooms, and hair-dressing rooms with coin-operated machines in the group of buildings. Coin-operated irons and ironing boards are located on each floor of each building as well as in the laundry rooms. Summer Session rates range from $38.00 to $52.00 per person per nine weeks term. For special groups, rates are: $27.00 to $36.00 per person per six weeks term; $14.50 to $21.00 per person per three weeks term. Space is not available in these halls for assignment to women with children. (See below for information.)

Temporary Hall (Grove) of two-story frame construction. Accommodations consist of single rooms. Community baths with toilets, lavatories, and showers are located on each floor of this hall. There is a small lounge on the main floor and an ironing room, with coin-operated irons, on each floor. This hall will be opened for use on the basis of demand only. Rates will be comparable to those listed above.

LIVING FACILITIES FOR MARRIED COUPLES AND FOR WOMEN WITH CHILDREN

Three Apartment Villages (Flavets), located on campus, have been provided through the Public Housing Authority. Assignments are currently restricted to married veteran students only, with Flavet Village I and II further restricted to couples with children only. Flavet I contains 26 buildings of one-story, temporary construction, divided into 100 apartment units of one, two, or three bedrooms. Flavet II, similar to Flavet I in construction, contains 20 buildings divided into 76 apartment units of one, two, or three bedrooms. Flavet III contains 54 buildings, of two-story, temporary construction, divided into 448 apartment units of one or two bedrooms. All apartments are equipped with basic furniture requirements, but residents must furnish their own linens, rugs, kitchenware, etc. Cooking and heating are by gas, metered to the individual apartments. Electricity consumption in excess of the basic minimum is paid on a monthly basis on meter readings. Rent rates per month (including basic electricity) are one-bedroom apartment, $26.75; two-bedroom apartment, $29.50; three-bedroom apartment, $32.25.

Murphree Hall, Sections J, K, L, and M, will be available for assignment to couples and to women with children. The accommodations consist of two room suites (study room and bedroom). All suites have lavatories, and there is a community bath with shower and toilet facilities on each floor in each section. Cooking or preparation of food is not permitted. Summer Session rates are $63.00 per suite per nine weeks term. For special groups, rates are: $50.00 per suite per six weeks term; $30.00 per suite per three weeks term.

PRIVATE ROOMING HOUSES

Facilities and Rates. Many excellent rooming accommodations are available in private homes or privately operated rooming houses in the Gainesville area. In general, rates for rooms are somewhat higher than those in University facilities.

Lists. Lists of rooms for single men and lists of rooms or apartments for married couples are maintained at the Housing Office. In view of frequent changes in availability, no lists are available for mailing. Definite arrangements must be made directly with the property-owner by the student.

COOPERATIVE LIVING ORGANIZATION

The Cooperative Living Organization, organized and operated by students to furnish economical living accommodations for its membership, is located at 117 N.W. 15th Street. The qualifications for membership are financial need, scholastic ability, and references of good character. In order to secure membership in the CLO, students should apply to the CLO president or Housing Manager at the above address.

GENERAL INFORMATION

LECTURES AND PLAYS

The University presents outstanding lectures as part of the general educational and cultural life of the campus. The speakers are selected with a view to offering to the University community stimulating presentations in the different areas of learning.

During the Summer Session, under the direction of the Department of Speech, full length plays, experimental one-act plays, and interpretative reading programs are presented. The University provides facilities for high grade performances under competent direction.

RELIGIOUS AND SOCIAL LIFE

The leading religious denominations have attractive places of worship and students are welcome at every service. Students interested in the study of religion and in preparing themselves for religious leadership may take courses offered by the Department of Religion. Vesper services are conducted weekly on the campus lawn or in the Florida Union.

THE UNIVERSITY LIBRARIES

The library resources of the University total more than 292,000 volumes. The greater part of the collection is housed in the University Library, but there are separate libraries for Law, Agriculture and Forestry, Architecture and Allied Arts, Chemistry and Pharmacy, Biology and Geology. These libraries are located in the buildings which house the corresponding activities.

The College of Education and the P. K. Yonge Laboratory School are served by the P. K. Yonge Laboratory School Library, a collection of books for boys and girls from kindergarten through the twelfth grade, and the College of Education Library, a collection of professional materials supplementing the holdings of the University Library in the field of Education. The library serving the extension activities of the University is located in the Seagle Building.

One of the outstanding collections in the University is the P. K. Yonge Library of Florida History. This library, the gift of Julien C. Yonge of Pensacola, was established in 1944 as a research center for students of Florida history. It is one of the best of the libraries of Floridiana, and is being steadily developed under the guidance of its donor.

On the first floor of the University Library are the University College Reserve, and Periodicals Reading Rooms. On the second floor are the Reference Room, the circulation desk, and the card catalog. This catalog indicates the holdings not only of the University Library but also of the separate libraries mentioned above. In the book stacks are forty-eight carrels for use of graduate students.

STUDENT HEALTH SERVICE

Applicants for admission to the University are furnished a medical history and physical examination form by the Registrar's Office. The medical history is filled in by the applicant before going to his doctor for the physical examination. The physical examination must be performed and completed by a *licensed Doctor of Medicine* and mailed by the doctor *directly* to the Head, Student Health Service, Infirmary, University of Florida, Gainesville, Florida. This medical history and pre-entrance physical examination must be approved by the University Physician before the applicant is cleared for registration in the University.

The Health Service strives to prevent students with communicable diseases from entering the University. All students enrolled at the University are given semi-annual chest X-rays by a unit of the State Board of Health and every effort is made to detect minimal tuberculosis of which the student may be entirely unaware. Students should have been successfully vaccinated against smallpox within the past five years and the Health Service advises all students to be immunized to typhoid fever and tetanus before coming to the University.

The University maintains the Student Health Service in the Infirmary Building on the campus for the protection and medical care of the students in residence. The Out-patient Clinic is open during the day from 8:00 a.m. to 12:00 p.m., to provide all students in need of medical care with consultation and treatment. The hospital, of 75 beds, provides the student in need of hospitalization with twenty-four hour general nursing care and students entering the hospital are under the constant observation of a University Physician. An emergency service is available to students who become acutely ill or are injured when the clinic is closed and such students may obtain treatment at any time by reporting to the Infirmary. The University Physicians do not make calls outside the Infirmary or attempt to treat students in their rooms where the facilities for treatment are inadequate. Students should be instructed before leaving home always to report immediately to the Infirmary should they become ill. Parents will be notified by the University Physician whenever a student is believed to be seriously or critically ill.

The Infirmary is staffed and equipped for treating the acute illnesses, injuries and emergencies which commonly occur while the student is in residence at the University. It is not organized, however, to provide for the care of students suffering from chronic diseases. The University does not assume the responsibility for the treatment of students with Epilepsy, Organic Heart Disease, Asthma, Rheumatic Fever, Diabetes or prolonged illnesses. Students with such chronic diseases may receive emergency treatment in the Infirmary when needed but they must arrange for a continuation of their medical care outside the University Health Service.

Dental work and prescribing glasses are not provided by the Health Service and students are urged to have defects of vision and teeth corrected before coming to the University.

Elective surgical operations, such as removal of diseased tonsils, repair of hernia, excision of hemorrhoids, etc., are not performed in the Infirmary and should be done at home by the family physician or surgeon before the student enters the University. Emergency surgical operations are the responsibility of the student and his parents and are performed with their consent at another hospital at their expense. Whenever an emergency operation is imperative, the student shall be referred to a competent surgeon and transferred to the Alachua General Hospital in Gainesville, which is fully approved for surgery by the American College of Surgeons. Students receiving severe, multiple or compound fractures will be handled in the same manner as students in need of emergency surgery.

Competent physicians and surgeons in Gainesville cooperate readily with the Health Service in consultations. Whenever a student is found to be in need of a consultant, the University Physician will arrange for such a consultation at the student's expense. Students requesting the professional attention of a physician or registered nurse of their choice may do so at their expense and by the approval of the Head of the Medical Staff of the Infirmary. Local physicians are available for medical service to students at their places of residence, at the student's expense.

The Health Service is available only to those students currently enrolled in the University who have paid the student health fee. In the case of married students, who are unacquainted with local physicians, the Health Service will be glad to recommend well qualified physicians to attend their families.

The Health Fee does not include surgery, consultation, special duty nursing, special medicines, treatments or laboratory work and an extra charge is made for these. Physical examination forms cannot be completed by University Physicians, except by the request of another Student Health Service, or with the approval of the Director of Student Health Service. The Infirmary offers students a diagnostic X-ray service at a very nominal cost. All X-rays are interpreted by a qualified Radiologist. A charge of $1.75 per day for board is also made.

The University is not responsible for the care of students during vacation periods. The Infirmary will be closed during University vacation periods, but in certain instances it may make special arrangements for the continued care of students who were hospitalized before the vacation period.

During epidemics which necessitate the hospitalization of large numbers of students, the facilities of the University Infirmary may be overtaxed and under such abnormal circumstances it would be impossible for the University to assure all students hospital care. However, during epidemics the University will make every effort to provide such emergency arrangements as are deemed most satisfactory for the care of ill students. Both the staff and hospital facilities will usually be capable of giving essential care to students of the University under normal conditions. In case the University Infirmary is filled to capacity, the University does not assume payment of the student's doctor or hospital bills for services rendered outside the Infirmary.

BUREAU OF VOCATIONAL GUIDANCE AND MENTAL HYGIENE

The services of the Bureau of Vocational Guidance and Mental Hygiene are available to all students. The chief function of the Bureau is to provide the individual student with an analysis of his characteristics, interests, and abilities, together with the necessary information about occupations, so that he may choose his vocation more intelligently.

Vocational information is provided by a reading shelf which the Bureau maintains in the University Library. This shelf is supplied with an extensive series of authoritative monographs on various occupations.

In addition, the Bureau aids students in the solution of personal problems which may hamper their work. This service is open both to students who request it themselves as well as to those referred to the Bureau by members of the faculty and administrative officers.

CERTIFICATION OF TEACHERS

The curricula in the College of Education include State certification requirements. Students are to consult their counselor to plan a sequence of courses to meet requirements for their degree and certification.

Persons desiring further information concerning the certification of teachers are advised to write to the State Department of Education, Tallahassee, Florida, requesting *Bulletin A on Certification of Teachers.*

REGULATIONS GOVERNING EXTENSION OF CERTIFICATES

The following more important items govern the granting of extension certificates:

1. The certificate must be valid at the close of the Summer Term attended and at the same time formal application for extension is made.
2. The applicant must pass at least six semester hours in which no grade is below C.
3. No students will be granted an extension of certificate who does not apply for the same to the Registrar, Room 33, Administration Building. A list of those who have applied will be posted on the bulletin boards in the Yonge Building, Anderson Hall and Peabody Hall not later than July 10. In case of error in this list, students should report to the Registrar. No student will be recommended for extension whose name does not appear on this list by July 17. Students should indicate exactly the name that appears on the certificate which they wish to have extended.
4. Certificates to be extended must be sent by registered mail to T. D. Bailey, State Superintendent of Public Instruction, Tallahassee, Florida, within a year after the close of the Summer Term. Otherwise extension will not be granted.

TEACHER PLACEMENT BUREAU

The Teacher Placement Bureau is a service agency for both former students of the University and public school officials. Up-to-date records are kept on registrants who have requested the Bureau to assist them in securing positions. Also the Bureau keeps a current list of educational administration and teaching vacancies. The services of the Bureau are free. Persons who wish to avail themselves of this service should communicate with the Placement Bureau, Yonge 120.

THE P. K. YONGE LABORATORY SCHOOL

The Laboratory School will be open from June 18 to July 28. Children of summer session students and all others are eligible for enrollment. Application for admission should be made to the Laboratory School office as soon as possible since the number who may be accommodated is limited. Classes from the kindergarten through the sixth grade will be held.

Pupils will register Monday, June 18, 8:30 to 10:00 A.M., in the P. K. Yonge Building.

ANNOUNCEMENTS

The *Orange and Blue Bulletin* is the official bulletin of the Summer Session. This mimeographed sheet, published every other day during the Summer Session and posted on all bulletin boards, carries notices of changes in schedule, meetings, lost and found articles, and other pertinent information. Announcements made in the General Assembly; notices on the bulletin boards in Florida Union, Peabody Hall, and Anderson Hall; and news items in the *Summer Gator* serve to keep the Summer Session students informed concerning student activities.

ORGANIZATIONS

PHI KAPPA PHI

A chapter of the Honor Society of Phi Kappa Phi was established at the University in 1912. To be eligible for consideration for membership, a student must previously have earned at the University at least thirty semester hours of credit, must have been guilty of no serious breach of discipline, and must stand among the upper tenth of all candidates for degrees in his college. Eligibility for consideration for membership is assured every student with an honor point average of 3.30 or higher, but a student who comes within the quota of his college may be considered if his honor point average is not below 3.00. Graduate students meeting certain prescribed requirements are also considered for membership.

KAPPA DELTA PI

The Upsilon Chapter of Kappa Delta Pi was established at the University of Florida in 1923. The purpose of the society is to recognize and promote merit in educational study and service. Both men and women are admitted to membership. Members are chosen from juniors, seniors, graduate students, faculty, and alumni. Requirements for membership are, in general, as follows: a scholastic average of at least B; evidence of abiding interest in educational service; a good professional attitude; and good personal-social characteristics. During the Summer Sessions the chapter holds a meeting each week.

PHI BETA KAPPA

Phi Beta Kappa was established on the campus of the University of Florida in 1938. It is the oldest national fraternity, being founded in 1776. In conformity with the national objectives of the society, the University of Florida chapter restricts election to the College of Arts and Sciences. Not more than 15 per cent of the senior class graduating in each semester, including the graduating class of the Summer Session, is eligible for election.

In addition to conferring membership upon qualified seniors in the College of Arts and Sciences, the society seeks, by means of an Award in Recognition of Creative Achievement, to honor each year not more than one graduating senior from all the colleges on the campus who, irrespective of his honor point average, has distinguished himself throughout his undergraduate career in such fields of activity as creative writing, dramatics, and forensics, the fine arts, or any other liberal discipline, and has revealed a decided talent, a persistent interest, and a prospect of mature achievement in later life.

PHI DELTA KAPPA

Beta Xi chapter of Phi Delta Kappa, national professional education fraternity for men, was installed at the University of Florida early in 1949. Dedicated to ideals of research, service and leadership, this organization is one of the oldest and largest professional fraternities. Men are chosen for Phi Delta Kappa on the basis of scholarship, leadership, potentiality, and qualities of personality considered as promising for the development of public education in the state and in the nation.

RECREATION

THE FLORIDA UNION

The Florida Union, the official center of student activities is financed, to a large extent, by student activities fees. Some of the facilities and services offered by the Union include music listening rooms, a craft and hobby shop, darkrooms, browsing library, game room, and lounges where a student can spend his leisure hours. Fifteen guest rooms are available for guests of students and

University personnel. The Union also provides an embosograf poster service, a mimeographing service, a lost and found department, information desk, a Western Union substation, auditorium, and meeting rooms for student activity groups. Offices for the President of the Student Body, the Executive Council, Honor Court, and all student publications, in addition to a general student organizations office, are located in the Union Building.

The Florida Union Social Board, composed of students interested in planning student activities, sponsor a variety of social programs for the student body. Some of the regular activities sponsored by the Social Board are bridge tournaments, dancing classes, square dances, coffee hours, movies, outings, dances, and Club Rendezvous (the campus night club). Other special activities are sponsored by the Social Board during the year. The committees of this board are open to all interested students.

The University's Camp Wauburg operated by the Florida Union is a recreational area for the exclusive use of University personnel. This area is located nine miles south of the campus. Facilities include a large picnic area, a recreational building, a bath house, and a play ground area for volley ball, horseshoes, badminton, softball. Camp Wauburg has swimming, boating, and fishing facilities.

INTRAMURAL AND RECREATIONAL ATHLETICS

A broad recreational program of athletics will be conducted for the students and faculty by the College of Physical Education, Health and Athletics during the Summer Session.

A Summer Session all-campus league will be organized with competition in softball, tennis (singles and mixed doubles), shuffleboard (singles and mixed doubles), swimming, volleyball, table tennis, and handball tournaments. Appropriate awards will be made to winning teams and individuals in all sports.

A sports' clinic will be conducted prior to the tennis, volleyball, and handball tournaments. Students have the opportunity to learn skills in recreational sports through the Department of Required Physical Education. Further information may be obtained at Room 134, Florida Gymnasium.

The athletic and physical educational facilities, including the use of the swimming pool and equipment room service, will be available to all *bona fide* University students. Use of these services and facilities will also be extended to students' families, faculty, employees, and their immediate families, upon payment of a fee of $1.00 per individual. The *Summer Gator*, the *Orange and Blue Bulletin*, and the *Florida Intramural Bulletin* will carry current notices and announcements about various phases of the program.

SWIMMING POOL

The swimming pool will be open daily during the Summer Session. Dressing facilities for women are located in the Women's Gymnasium. The facilities for men are located in Florida Gymnasium.

THE DIVISION OF MUSIC

The Division of Music offers during the Summer Session opportunities for those students interested to participate in bands, orchestras and choral groups.

ACADEMIC REGULATIONS

STUDENT RESPONSIBILITY

Each student must assume full responsibility for registering for the proper courses and for fulfilling all requirements for his degree. Several days before registration students should confer with the deans of their respective colleges

regarding choice of courses. Juniors and seniors should confer with the heads of the departments in which they expect to earn majors. Candidates for graduation must file, in the office of the Registrar, formal application for a degree and must pay the diploma fee very early in the term in which they expect to receive the degree. The official calendar shows the latest day on which this can be done.

Courses can be dropped or changed only with the approval of the dean of the college in which the student is registered and by presentation of the cards authorizing the change at the office ofthe Registrar. Unclassified students must secure the approval of the Dean of the University for this purpose.

CREDITS

The term credit as used in this bulletin in reference to courses is equal to one semester hour.

RESIDENCE REQUIREMENTS

1. The minimum residence requirement for the baccalaureate degree is two semesters, or one semester and three six-week summer terms, or five six-week summer terms or four nine-week summer terms. New students offering advanced standing must meet this requirement after entrance to the University. Students who break their residence at the University by attending another institution for credit toward the degree must meet this requirement after reentering the University.

2. For the Master's Degree two semesters or six six-week summer terms or four nine-week summer terms are necessary to satisfy the residence requirements, except for the Master of Education Degree, for which the requirements are two semesters and one six-week summer term, or six six-week summer terms, or four nine-week summer terms.

3. Students are required to complete the last thirty credit hours (56 in the College of Law) applied toward the baccalaureate degree during regular residence in the respective colleges from which they expect to be graduated. Exception to this regulation may be made only upon written petition approved by the faculty of the college concerned, but in no case may the amount of extension work permitted exceed more than twelve of the last thirty-six hours required for a baccalaureate degree.

AMOUNT OF EXTENSION WORK PERMITTED

No student will be allowed to take more than one-fourth of the credits toward a degree by correspondence study and extension class work. Extension work to apply on the last thirty hours is authorized only by special action of the faculty of the college in which a student is registered. Such authorization must be obtained prior to enrollment in extension work. If authorization is given, no student is permitted to earn more than twelve of the last thirty-six hours in this manner. Under no circumstances will a student in residence be permitted to register for a correspondence course if that course is being offered in the Summer Session.

MAXIMUM AND MINIMUM LOAD

The maximum load for which an undergraduate may register in a nine-week term is 9 semester hours. The maximum load in a six-week term is 6 semester hours per term.

The minimum load for any student is three semester hours. Original registration for less than three hours must be approved by the Dean of the college in which the student is enrolled. After registration, the student may reduce his load to less than three hours only with the approval of the Senate Committee on Student Petitions.

GRADUATION WITH HONORS

For regulations in the various colleges covering graduation with Honors, see the *Catalog.*

UNCLASSIFIED STUDENTS

1. This group will include (a) students from other colleges and universities who wish to earn credits in the Summer Session to be transferred eventually to their respective institutions, and (b) other students not candidates for degrees.

2. In the event any student who has attended a Summer Session as an unclassified student later wishes to become a candidate for a degree in one of the colleges or schools of the University, he may do so (1) by regularizing his admission to the University (present all the credentials required) and (2) by meeting the requirements (in effect at the time of his application for candidacy) for admission to the school or college he desires to enter.

3. If such a student is admitted to candidacy for a degree, credits earned while an unclassified student will be accepted insofar as they apply toward the degree requirements (in effect at the time he is admitted to candidacy) of the college or school chosen by the student. A student must have been registered as a regular student in the college or school from which he expects to receive the Bachelor's Degree for at least three six-week summer terms or two nine-week summer terms, and in the Graduate School for at least five summer terms for the Master's Degree. The residence requirement (see above) in the University will not be waived in any case.

4. Students regularly enrolled during the academic year cannot become unclassified students during the Summer Session.

5. Each student registered as an unclassified student will be given a definite statement of the policies governing the application for admission to candidacy in the various colleges and schools. This statement will make clear that credits earned while a student is registered as an unclassified student can be applied toward a degree in the college of his choice only if under regular procedure this credit will apply toward that degree.

6. The registration blanks for unclassified students will be approved by the Dean of the University and assistants chosen by him from the faculty.

ATTENDANCE

If any student accumulates absences or fails to do class work to the extent that further enrollment in the class appears to be of little value to him and detrimental to the best interests of the class, it shall be the duty of the instructor to warn such student in writing that further absences or failure to do class work will cause him to be dropped from the course with a failing grade. Where possible this warning will be delivered personally; otherwise, it will be mailed to the student's last University address by the Registrar. Instructors shall immediately report all such warnings to the Course Chairman or Department Head.

Should any absences or failure to do class work be incurred after this warning, the student will be dropped from the course and given a failing grade. Should this reduce his load below the minimum of three hours he will be dropped from the University and his record marked "Suspended for Non-Attendance" or "Suspended for Unsatisfactory Work", as the case may be.

FAILURE IN STUDIES

A person registered in one of the colleges or professional schools of the Upper Division who fails fifty per cent or more of his work in any term or semester will be suspended for one semester and will not be readmitted to the University

until the lapse of one semester, except upon approval of a formal petition by the Senate Committee on Student Petitions. A student who has been suspended once and in any subsequent period of attendance fails fifty per cent or more of his work shall be suspended and not be eligible for readmission. In administering the above regulation, in no case shall failure in one course only cause a student to be suspended.

Students registered in the University College will have their records reviewed by a Committee on Student Progress at the end of each period of attendance. In general the committee will be guided by the following policy. The student in the Lower Division who has been in attendance one semester or the equivalent (one nine-week summer term is considered the equivalent of a semester) and in any subsequent period of attendance fails fifty per cent or more of his work will be suspended and will not be eligible for readmission until the lapse of one semester, except on approval of a formal petition by the Senate Committee on Student Petitions. A student who has been dropped once and in any subsequent period of attendance fails fifty per cent or more of his work shall be suspended and will not be eligible for readmission. In administering the above regulation, in no case shall failure in one course only cause a student to be dropped.

COMPREHENSIVE EXAMINATIONS

The comprehensive course examinations (of which the student must successfully pass six or more to complete the program of the University College) are administered by the Board of University Examiners and are given in January, May, and August of each year. A student must be familiar with the work of the various courses and be able to think in the several fields in a comprehensive way in order to pass these examinations. Standings on the comprehensive examinations are issued by the Board of Examiners and are not subject to change by any other agency.

APPLICATIONS FOR COMPREHENSIVE EXAMINATIONS

University College students who are enrolled in a course at the time the examination is given need not make application for it. University College students who are not enrolled in a course at the time an examination is given and who wish to take the comprehensive examination must apply in writing to the Board of Examiners for permission prior to the last date set for filing such applications. **Applications will not be accepted from students registered in the colleges of the Upper Division.** Before the application is accepted the applicant will be required to furnish the Board of Examiners with proof that this privilege has not been used to avoid the payment of usual University fees. Applications will be accepted only for those examinations which are administered by the Board of Examiners. The Board of Examiners is the only agency authorized to give University College students examinations by application.

SCHOOLS AND COLLEGES

THE UNIVERSITY COLLEGE

INTRODUCTORY STATEMENT

In a reorganization at the University of Florida in 1935, all freshmen and sophomores were placed in one college. The University College administers all the work of the Lower Division, which includes the pre-professional work for the Upper Division schools and colleges and a core program of basic education for all students. In 1944 the American Council on Education defined this program: "General education refers to those phases of nonspecialized and non-vocational education that should be the common denominator, so to speak, of educated persons . . . the type of education which the majority of our people must have if they are to be good citizens, parents, and workers." During his freshman and sophomore years at the University, a student's time is about evenly divided between these objectives of general education and those of pre-professional or professional preparation.

While fully accepting its responsibility toward the professional training of men who remain four years or longer and earn degrees, the University of Florida as a state institution also accepts its civic responsibility to help those who spend only one or two years at the University. These students—more than two-thirds of all enrolled—are not "failures" because they do not continue and earn degrees, and they probably deserve more from the state university than an odd assortment of only "introductory courses." Consequently at the University of Florida a group of comprehensive courses have been worked out to give some unity and meaning to a beginner's program. These comprehensive courses that make up the core program are:

1. *American Institutions* (known hereafter as C-1)
2. *The Physical Sciences* (C-2)
3. *Reading, Speaking and Writing:* Freshman English (C-3)
4. *Practical Logic:* Straight Thinking (C-41);
   Fundamental Mathematics (C-42)
5. *The Humanities* (C-5)
6. *Biological Science* (C-6)

GUIDANCE

If a freshman is still undecided about his life's work, he is not urged to guess on registration day. His program may be made up largely from the comprehensives which help him direct his thinking toward a desirable objective, together with approved electives that may further enable him to explore interests and needs. But whether the student is decided or undecided about his life's work, these comprehensive courses provide basic preparation that every educated person should have.

Thus since the purpose of general education is to replace fragmentation, the program absorbs much of the responsibility for guidance. Every subject or course of the University College program is designed to *guide* the student. During the time that he is making tentative steps toward a profession by taking special subjects to test aptitudes, interests, and ability, he is also studying the several great areas of human understanding and achievement. The work in the University College presents materials which are directly related to life experiences and which will immediately become a part of the student's thinking to guide him to making correct *next steps*. Thus the whole program—placement tests, progress reports, vocational aptitude tests, basic vocational materials, selected material in

required to complete the Lower Division; additional approved electives taken during the first two years may reduce the number of hours required for an Upper Division degree.

For desirable electives in Agriculture, students should consult the head of the department in which they intend to major. These electives during the first two years should be distributed so as to give some acquaintance with the different phases of Agriculture, and are limited to a single course in any one department. It is required that all students graduating in Agriculture take at least one course in each of the following departments: Agricultural Economics, Agricultural Engineering, Agronomy, Entomology, Horticulture, Soils, and one of the following: Animal Husbandry, Dairy Husbandry, or Poultry Husbandry. Courses suitable for election in the freshman year are AG. 306, AL. 309, AY. 221, DY. 211, EY. 201, EY. 203, FY. 313, and PY. 201. In the sophomore year these may also be elected, and in addition the following: AG. 301, AS. 201, AS. 306, AY. 324, CL. 223, HE. 201, PT. 321, SLS. 301, and SLS. 302.

FORESTRY

The program for freshmen and sophomores planning to earn a degree in the School of Forestry should be:

Freshman Year	Hours
1.—C-1, American Institutions	8
2.—BTY. 101-102	6
3.—MS. 105 and C-41	7
4.—C-3, Reading, Speaking and Writing	8
5.—Military Science; Physical Fitness	2
	31

Sophomore Year	Hours
1.—ACY. 125-126, Agric. Chem. or CY. 101-102, Gen. Chem.	8
2.—C-5, The Humanities	8
3.—CL. 223, Surveying	3
4.—FY. 220, FY. 226, and FY. 228	8
5.—Electives (from list below)	4
6.—Military Science; Physical Fitness	2
	33

Electives: ES. 203, ES. 205, EH. 135, GPY. 203.

The above is designed for students who have had three or more years of science and mathematics in preparatory school, and whose standing on placement tests show adequate preparation for science work. This means that some students should take C-6 before taking BTY. 101-2 and C-42 before taking MS. 105.

Students interested in a major in Wildlife Management should add FY. 227 and BLY. 161-2 among electives.

ARCHITECTURE AND ALLIED ARTS

The program for freshmen and sophomores who plan to earn a degree in the College of Architecture and Allied Arts is as follows:

Freshman Year	Hours
1.—American Institutions	8
2.—The Physical Sciences	6
3.—Reading, Speaking and Writing: Freshman English	8
*4.—Logic and Mathematics	6
5.—Departmental Electives as listed below	0-6
Military Science; Physical Fitness	2
	30-36

Sophomore Year	Hours
1.—The Humanities	8
2.—Biological Science	6
3.—Departmental Electives as listed below	14-20
Military Science; Physical Fitness	2
	30-36

* Students who are exempt from C-4 should elect PPY. 310—Advanced Logic, and MS. 325—Advanced General Mathematics.

DEPARTMENTAL ELECTIVES

Architecture or Building Construction.—Freshmen and sophomores who plan to earn a degree in Architecture or in Building Construction should elect the following courses as part of their basic program:

AE. 101.—The Arts of Design, 3 credits (Freshman or sophomore year)
AE. 102.—Vision and Graphics, 3 credits (Freshman or sophomore year)
AE. 203.—Basic Design, 3 credits (Sophomore year)
AE. 204.—Organic Planning, 3 credits (Sophomore year)
AE. 205-206.—Building Technology, 4-4 credits (Sophomore year)

Landscape Architecture.—Freshmen or sophomores who plan to earn a degree in Landscape Architecture should elect the following courses as part of their basic program:

AE. 101.—The Arts of Design, 3 credits (Freshman year)
AE. 102.—Vision and Graphics, 3 credits (Freshman year)
ACY. 125.—Agricultural Chemistry, 4 credits (Sophomore year, first semester)
AE. 203.—Basic Design, 3 credits (Sophomore year, first semester)
BTY. 303.—General Botany, 3 credits (Sophomore year, first semester)
AE. 204.—Organic Planning, 3 credits (Sophomore year, second semester)
AE. 205.—Building Technology, 4 credits (Sophomore year, second semester)
SLS. 301.—Soils, 3 credits (Sophomore year, second semester)

Interior Design.—Freshmen and sophomores who plan to earn a degree in Interior Design should elect the following courses as part of their basic program:

AE. 101.—The Arts of Design, 3 credits (Freshman or sophomore year)
AE. 102.—Vision and Graphics, 3 credits (Freshman and sophomore year)
AE. 203.—Basic Design, 3 credits (Sophomore year)
AE. 204.—Organic Planning, 3 credits (Sophomore year)
AE. 205.—Building Technology, 4 credits (Sophomore year)
Approved Elective (Sophomore year)

Painting and Drawing, Commercial Art, or Crafts.—Freshmen and sophomores who plan to earn a degree in Painting and Drawing, in Commercial Art, or in Crafts should elect the following courses as part of their basic program:

ART 121.—The Visual Arts, 3 credits (Freshman or sophomore year)
ART 122.—Materials and Spatial Design, 3 credits (Freshman or sophomore year)
ART 223.—Color and Design, 3 credits (Sophomore year)
ART 224.—Drawing and Visual Perception, 3 credits (Sophomore year)
ART 225.—Scientific Contributions to Art, 3 credits (Sophomore year)
ART 226.—Pictorial Composition, 3 credits (Sophomore year)

Departmental electives in Landscape Architecture should be begun during the freshman year. In all other cases, departmental electives may be begun during the freshman year or postponed until the sophomore year without loss of time.

Students who upon entering the University are undecided as to a particular field in the College of Architecture and Allied Arts, may take either of two orientation courses during the first semester of their freshman year: AE. 101.—The Arts of Design, or ART 121.—The Visual Arts. At the beginning of the second semester, those students who plan to earn a degree in Architecture, Building Construction, Landscape Architecture, or Interior Design should take AE. 102.—Vision and Graphics. Those who plan to earn a degree in Painting and Drawing, Commercial Art, or Crafts should take ART 122.—Materials and Spatial Design. The appropriate elective courses for the sophomore year for the various fields of study are listed above under Departmental Electives.

Students who transfer to the University of Florida without having completed the Departmental Electives listed above, will be required to complete these Departmental Electives before entering the Upper Division.

ARTS AND SCIENCES

A student who plans to earn a 4-year degree in the College of Arts and Sciences has the following basic program:

Basic Program

Freshman Year	Sophomore Year
1.—American Institutions	1.—The Humanities
2.—The Physical Sciences	2.—Biological Science
3.—Reading, Speaking and Writing—Freshman English	3.—Basic courses for specialization (16-20 semester hours)
4.—Logic and Mathematics	Military Science; Physical Fitness
5.—Electives (2-6 semester hours)	
Military Science; Physical Fitness	

Bachelor of Arts and Bachelor of Science.—Students working toward these degrees should secure credit in all of the comprehensive areas as indicated by the University College. Electives in the first two years should be taken in

required to complete the Lower Division; additional approved electives taken during the first two years may reduce the number of hours required for an Upper Division degree.

For desirable electives in Agriculture, students should consult the head of the department in which they intend to major. These electives during the first two years should be distributed so as to give some acquaintance with the different phases of Agriculture, and are limited to a single course in any one department. It is required that all students graduating in Agriculture take at least one course in each of the following departments: Agricultural Economics, Agricultural Engineering, Agronomy, Entomology, Horticulture, Soils, and one of the following: Animal Husbandry, Dairy Husbandry, or Poultry Husbandry. Courses suitable for election in the freshman year are AG. 306, AL. 309, AY. 221, DY. 211, EY. 201, EY. 203, FY. 313, and PY. 201. In the sophomore year these may also be elected, and in addition the following: AG. 301, AS. 201, AS. 306, AY. 324, CL. 223, HE. 201, PT. 321, SLS. 301, and SLS. 302.

FORESTRY

The program for freshmen and sophomores planning to earn a degree in the School of Forestry should be:

Freshman Year	Hours
1.—C-1, American Institutions	8
2.—BTY. 101-102	6
3.—MS. 105 and C-41	7
4.—C-3, Reading, Speaking and Writing	8
5.—Military Science; Physical Fitness	2
	31

Sophomore Year	Hours
1.—ACY. 125-126, Agric. Chem. or CY. 101-102, Gen. Chem.	8
2.—C-5, The Humanities	8
3.—CL. 223, Surveying	3
4.—FY. 220, FY. 226, and FY. 228	8
5.—Electives (from list below)	4
6.—Military Science; Physical Fitness	2
	33

Electives: ES. 203, ES. 205, EH. 135, GPY. 203.

The above is designed for students who have had three or more years of science and mathematics in preparatory school, and whose standing on placement tests show adequate preparation for science work. This means that some students should take C-6 before taking BTY. 101-2 and C-42 before taking MS. 105.

Students interested in a major in Wildlife Management should add FY. 227 and BLY. 161-2 among electives.

ARCHITECTURE AND ALLIED ARTS

The program for freshmen and sophomores who plan to earn a degree in the College of Architecture and Allied Arts is as follows:

Freshman Year	Hours
1.—American Institutions	8
2.—The Physical Sciences	6
3.—Reading, Speaking and Writing: Freshman English	8
*4.—Logic and Mathematics	6
5.—Departmental Electives as listed below	0-6
Military Science; Physical Fitness	2
	30-36

Sophomore Year	Hours
1.—The Humanities	8
2.—Biological Science	6
3.—Departmental Electives as listed below	14-20
Military Science; Physical Fitness	2
	30-36

* Students who are exempt from C-4 should elect PPY. 310—Advanced Logic, and MS. 325—Advanced General Mathematics.

DEPARTMENTAL ELECTIVES

Architecture or Building Construction.—Freshmen and sophomores who plan to earn a degree in Architecture or in Building Construction should elect the following courses as part of their basic program:

AE. 101.—The Arts of Design, 3 credits (Freshman or sophomore year)
AE. 102.—Vision and Graphics, 3 credits (Freshman or sophomore year)
AE. 203.—Basic Design, 3 credits (Sophomore year)
AE. 204.—Organic Planning, 3 credits (Sophomore year)
AE. 205-206.—Building Technology, 4-4 credits (Sophomore year)

Landscape Architecture.—Freshmen or sophomores who plan to earn a degree in Landscape Architecture should elect the following courses as part of their basic program:

AE. 101.—The Arts of Design, 3 credits (Freshman year)
AE. 102.—Vision and Graphics, 3 credits (Freshman year)
ACY. 125.—Agricultural Chemistry, 4 credits (Sophomore year, first semester)
AE. 203.—Basic Design, 3 credits (Sophomore year, first semester)
BTY. 303.—General Botany, 3 credits (Sophomore year, first semester)
AE. 204.—Organic Planning, 3 credits (Sophomore year, second semester)
AE. 205.—Building Technology, 4 credits (Sophomore year, second semester)
SLS. 301.—Soils, 3 credits (Sophomore year, second semester)

Interior Design.—Freshmen and sophomores who plan to earn a degree in Interior Design should elect the following courses as part of their basic program:

AE. 101.—The Arts of Design, 3 credits (Freshman or sophomore year)
AE. 102.—Vision and Graphics, 3 credits (Freshman and sophomore year)
AE. 203.—Basic Design, 3 credits (Sophomore year)
AE. 204.—Organic Planning, 3 credits (Sophomore year)
AE. 205.—Building Technology, 4 credits (Sophomore year)
Approved Elective (Sophomore year)

Painting and Drawing, Commercial Art, or Crafts.—Freshmen and sophomores who plan to earn a degree in Painting and Drawing, in Commercial Art, or in Crafts should elect the following courses as part of their basic program:

ART 121.—The Visual Arts, 3 credits (Freshman or sophomore year)
ART 122.—Materials and Spatial Design, 3 credits (Freshman or sophomore year)
ART 223.—Color and Design, 3 credits (Sophomore year)
ART 224.—Drawing and Visual Perception, 3 credits (Sophomore year)
ART 225.—Scientific Contributions to Art, 3 credits (Sophomore year)
ART 226.—Pictorial Composition, 3 credits (Sophomore year)

Departmental electives in Landscape Architecture should be begun during the freshman year. In all other cases, departmental electives may be begun during the freshman year or postponed until the sophomore year without loss of time.

Students who upon entering the University are undecided as to a particular field in the College of Architecture and Allied Arts, may take either of two orientation courses during the first semester of their freshman year: AE. 101.—The Arts of Design, or ART 121.—The Visual Arts. At the beginning of the second semester, those students who plan to earn a degree in Architecture, Building Construction, Landscape Architecture, or Interior Design should take AE. 102.—Vision and Graphics. Those who plan to earn a degree in Painting and Drawing, Commercial Art, or Crafts should take ART 122.—Materials and Spatial Design. The appropriate elective courses for the sophomore year for the various fields of study are listed above under Departmental Electives.

Students who transfer to the University of Florida without having completed the Departmental Electives listed above, will be required to complete these Departmental Electives before entering the Upper Division.

ARTS AND SCIENCES

A student who plans to earn a 4-year degree in the College of Arts and Sciences has the following basic program:

Basic Program

Freshman Year	Sophomore Year
1.—American Institutions	1.—The Humanities
2.—The Physical Sciences	2.—Biological Science
3.—Reading, Speaking and Writing—Freshman English	3.—Basic courses for specialization (16-20 semester hours)
4.—Logic and Mathematics	Military Science; Physical Fitness
5.—Electives (2-6 semester hours)	
Military Science; Physical Fitness	

Bachelor of Arts and Bachelor of Science.—Students working toward these degrees should secure credit in all of the comprehensive areas as indicated by the University College. Electives in the first two years should be taken in

tion of Unsaturated Quaternary Ammonium Compounds," *Journal,* Am. Chem. So., Vol. 71, p. 3120 [1949])

Carter, Mary Eddie
(Butler, G. B.)

Polymerization Studies on Beta-Nitrostyrene Derivatives and Some of the Properties of the Polymers
(Butler, George B., and Carter, Mary Eddie, "Some New Substituted B-Nitrostyrenes," *Journal,* Am. Chem. Soc., Vol. 72, p. 2303, [1950])

Childers, Eugene
(Gropp, A. H.)

The Polagraphic Reduction of Mono-and Dialkyl Ammonium Halides

Fried, Melvin
(Tarrant, Paul)

The Preparation of Certain Alpha-Halogenated Acetamides

Goodson, Jr., James Brown
(Black, A. P.)

The Oxidation of Sulfides by Chlorine in Dilute Aqueous Solutions

Gudwani, Marais S.
(Pollard, C. B.)

Derivatives of Monophenyl Piperazine

Hunt, Harry Gage
(Hawkins, J. E.)

The Kinetics of the Thermal Isomerization of the Pinenes
(Hawkins, J. E. and Hunt, Harry, "The Rates of The Thermol Isomerization of Alpha-Pinene and B-Pinene in the Liquid Phase," *Journal,* Am. Chem. Soc., Vol. 72, p. 5618, [1950])

Ingley, Francis L.
(Butler, G. B.)

Polymerization Studies of Halogenated, Unsaturated Quaternary Ammonium Salts
(Butler, George B. and Ingley, Francis L., "Preparation and

Polymerization of Unsaturated Quarternary Ammonium Compounds, II, Halogenated Alkyl Derivatives," *Journal,* Am. Chem. Soc. Vol. 73, p. 895, [1951])

Lilyquist, Marvin Russell
(Tarrant, Paul)

Some Reactions of m-Aminobenzotrifluoride and its Brominated Derivatives

Nash, Jr., James L.
(Butler, G. B.)

Preparation and Polymerization of Vinyl Ethers of Unsaturated Alcohols

Parcell, Robert F.
(Pollard, C. B.)

The Dehydrohalogenation of Halo-Alkenylamines with Sodium Amide in Liquid Ammonia
(Pollard, C. B. and Parcell, Robert, "Tertiary Acetylenic Amines I" *Journal,* Am. Chem. Soc., Vol., 72, p. 2385 (1950) and "Tertiary Acetylenic Amines, II," *Journal,* Am. Chem. Soc., Vol. 72, p. 3312, [1950])

Riddles, Milton Jackson
(Gropp, A. H.)

The Effect of Digestion Times and Drying Temperatures on Gravimetric Chloride Determinations Using Sintered Glass Crucibles

Young, David Caldwell, Jr.
(Pollard, C. B.)

The Mechanism of the Leuckart Reaction

Young, John Adams
(Tarrant, Paul)

The Preparation and Reactions of Some Aliphotic Fluoroethers
(Tarrant, Paul and Young, John A., "The Preparation of Some Derivatives of Chlorofluoroacetic Acid," *Journal,* Am. Chem. Soc., Vol. 71, p. 2432 [1949])

and

Tarrant, Paul, and Young, John A., "A New Method of Preparation

Electives:

Elementary Education: EN. 105-106; English 6 hours; PHA. 361; SCL. 205-206.
* Secondary Education: EN. 105-106; SCL. 205-206.
* Business Education: BEN. 81, 91, 181; EN. 105-106; ES. 205-206; SCL. 206.
* Industrial Arts Education: EN. 105-106; IN. 101-102, 103-104.
* Five hours in the Human Adjustment area, other than C-41, are required. These electives may be taken either in the University College or in the College of Education.

For the basic programs in Agricultural Education and Education for the Exceptional Child, consult the *Catalog*, 1951-52.

ENGINEERING

The program for freshmen and sophomores expecting to earn a degree in the College of Engineering is as follows:

Freshman Year
1.—American Institutions
*2.—CY. 105-106
3.—Reading, Speaking and Writing—Freshman English
*4.—MS. 105-106
**5.—ML. 181-182† and Departmental Prerequisites (from list below)
6.—Military Science and Physical Education

Sophomore Year
1.—The Humanities
2.—MS. 353-354
3.—PS. 205, 207 and PS. 206, 208
4.—Departmental Prerequisites (from list below)
5.—Military Science and Physical Education

* Both CY. 105-106 and MS. 105-106 are required, but students who are not in the upper percentile group must take C-2 and C-42 first.

Students who are not qualified to take CY. 105-106 and MS. 105-106 in the freshman year cannot graduate in four years unless they attend Summer School.

** Drawing equipment required for ML. 181 costs approximately thirty dollars.

† Prospective Civil Engineers (Public Health) will elect C-61 instead of ML. 182.

Departmental prerequisites in sequence are as follows:

Aeronautical Engineering: ML. 282, ML. 281, EM. 365
Agricultural Engineering: AG. 306, GY. 203, AL. 211, EM. 365
Chemical Engineering: CY. 205, CG. 347
Civil Engineering (General): CL. 223, CL. 226, EM. 365
Civil Engineering (Public Health): C-61, BLY. 161, CY. 205, EM. 365
Electrical Engineering: ML. 282, EL. 211, EM. 365
Industrial Engineering: ML. 282, EM. 365
Mechanical Engineering: ML. 282, ML. 281, CG. 361

The student should make every effort to complete these courses before entering the Upper Division, although he may in some instances, be permitted to enroll in the Upper Division on probation until he completes them.

Students whose records in the University College do not indicate that they are qualified to take the professional courses in Engineering will not be admitted to the College of Engineering.

JOURNALISM

To enter the School of Journalism students are required to have completed the six comprehensive courses: present credit in pre-professional work—JM. 214-216, ES. 205-6, HY. 241 and PSY. 201; have a grade average of C or better; and a working knowledge of typewriting.

Those falling below a 2.0 grade average in University College will not be considered for admittance to the School of Journalism until they have demonstrated their ability to pursue with profit professional work in the Upper Division by satisfactorily completing one semester's work prescribed by the Director of the School of Journalism.

At least sixty-four semester hours, which may include four hours Military Science, are required to complete the Lower Division.

Transfer students or those with a special hour-credit problem who have not completed some of the pre-professional work in University College, may be admitted provisionally to the School of Journalism on approval of the Director. They will be *expected*, however, to complete the lower-level work without upper-division credit for graduation.

LAW

Applicants for admission to the College of Law must have received a degree in Arts or Sciences in an accredited college or university except as stated in the description of the College of Law in the Catalog.

Although no particular courses are prerequisites, a student preparing for admission to the College of Law should obtain a thorough mastery of the basic comprehensive courses and also should take at least two courses in each of the following general fields: Accounting, Economics, English, History (American and English), and Political Science. Words being the tools of the legal profession, it is essential that a student be able to read rapidly and meaningfully and to write clearly and concisely; therefore courses requiring the rapid assimilation and digestion of written materials and courses in expository writing are recommended.

PHARMACY

The basic program for students planning to work for a degree in the College of Pharmacy:

Freshman Year
1.—American Institutions
2.—Physical Sciences
3.—Reading, Speaking and Writing—Freshman English
4.—Logic and Mathematics
Military Science and Physical Fitness

Sophomore Year
1.—The Humanities
2.—Biological Science
3.—General Chemistry
4.—Galenical Pharmacy
5.—Practical Pharmacognosy
Military Science and Physical Fitness

PHYSICAL EDUCATION, HEALTH AND ATHLETICS

The program for freshmen and sophomores expecting to earn a degree in the College of Physical Education, Health and Athletics is as follows:

Freshman Year
1.—American Institutions
2.—Reading, Speaking and Writing
3.—Logic and Mathematics
4.—Biological Science
5.—Departmental Electives as listed below
6.—Military Science and Physical Fitness

Sophomore Year
1.—The Humanities
*2.—The Physical Sciences
3.—Departmental Electives as listed below
4.—Military Science and Physical Fitness

* Students planning to major in Health Education must take CY. 101-102. Students whose high school records and placement tests indicate satisfactory preparation may substitute CY. 101-102 for C-21-22. Others should take C-21, upon satisfactory completion of which they may enter CY. 101.

Departmental electives in sequence are as follows:

Physical Education for Men:

First Semester: PHA. 151 or 171, PHA. 142 or 141; PHA. 144 or 143.
Second Semester: PHA. 171 or 151; PHA. 141 or 142; PHA. 143 or 144.
Third Semester: PHA. 261 or SCL. 205 or EN. 385; PHA. 242 or 245.
Fourth Semester: PHA. 132 or 231; PHA. 245 or 242.

Physical Education for Women:

First Semester: PHA. 151 or 171; PHA. 247 or 248; PHA. 142 and/or 144 or 261.
Second Semester: PHA. 171 or 151; PHA. 248 or 247; PHA. 144 and/or 142 or 261.
Third Semester: SCL. 205 or EN. 385; PHA. 261 or 141 and/or 241 and/or 244; PHA. 271 or 242.
Fourth Semester: EN. 385 or SCL. 205; PHA. 141 or 241 or 244; PHA. 242 or 271.

Health Education:

First Semester: PHA. 151 or 264; PHA. 261 or EN. 385.
Second Semester: PHA. 264 or 151; EN. 385 or PHA. 261.
Third Semester: SCL. 205 or PHA. 315; PHA. 262 or SY. 344; CY. 101.
Fourth Semester: PHA. 315 or SCL. 205; SY. 344 or PHA. 262; CY. 102.

Recreation:

PHA. 151, 171, 242, 261; SY. 241; SCH. 241; MSC 162.

COLLEGES AND SCHOOLS OF THE UPPER DIVISION

COLLEGE OF AGRICULTURE

The Summer Session offerings of the College of Agriculture provide basic courses in the several curricula and a few advanced courses which will enable students now enrolled to speed up their individual programs.

A number of curricula leading to the degree of Bachelor of Science in Agriculture are offered. For complete information on the requirements for these curricula the students should consult the University *Catalog.*

COLLEGE OF ARCHITECTURE AND ALLIED ARTS

The College of Architecture and Allied Arts offers professional programs of study leading to appropriate undergraduate degrees in Architecture, Building Construction, Commercial Art, Crafts, Interior Design, Landscape Architecture, and Painting and Drawing. Professional programs at the graduate level are offered in Architecture, in Building Construction, and in Art.

The College offers courses to students in other colleges of the University who wish to broaden their cultural background in the arts. General courses in the Department of Architecture and in the Department of Art are open to all students in the University, and certain upper division courses in the Departments of Art, Commercial Art, Interior Design, and Crafts require no prerequisite training.

1951 SUMMER SESSION

During the 1951 Summer Session the College will offer most of the undergraduate courses in Architecture, Art, Building Construction, Commercial Art, Crafts, Interior Design, Landscape Architecture, and Painting and Drawing, as well as graduate courses in Architecture and in Art.

TEACHERS' CERTIFICATES

The College of Architecture and Allied Arts offers courses leading to certification in Art for teaching Art in the secondary schools in the State of Florida. Regulations describing certification of teachers are published by the State Department of Education and it is imperative that all students who expect to be certified familiarize themselves with these regulations. Application for certificate should be made immediately after graduation, and should be addressed to the State Superintendent of Public Instruction, Tallahassee, Florida.

DEGREES AND CURRICULA

For detailed information on admission, undergraduate degrees, graduate degrees, and programs of study for the various curricula, see the University *Catalog.*

COLLEGE OF ARTS AND SCIENCES

The subject matter fields regularly offered to students in the College of Arts and Sciences and the extent of these offerings is indicated in the table below:

Subject	Elective Work	Group Major	Dept. Major	MA. or MS.	Ph.D.
Anthropology	X	X	Some work available under Sociology		
Art	X	X	X	Graduate work offered through College of Architecture and Allied Art	

Astronomy	X	X	—	—	—
Bacteriology	X	X	X	Graduate work offered through College of Agriculture	
Biology	X	X	X	X	X
Botany	X	X	X	Graduate work offered through College of Agriculture	
Chemistry	X	X	X	X	X
Economics	X	X	X	Graduate work offered through College of Business Administration	
Education	X	Major and Graduate work offered through the College of Education			
English	X	X	X	X	X
French	X	X	X	X	—
Geography	X	X	X	X	—
Geology	X	X	X	—	—
German	X	X	X	X	—
Greek	X	X	X	—	—
History	X	X	X	X	X
Italian	X	X	—	—	—
Journalism	X	Major and Graduate work offered through the School of Journalism			
Latin	X	X	X	X	—
Library Science	X	X	—	—	—
Mathematics	X	X	X	X	X
Meteorology	X	X	X	—	—
Music	X	X	—	—	—
Philosophy	X	X	X	X	—
Physics	X	X	X	X	X
Political Science	X	X	X	X	X
Portuguese	X	X	—	—	—
Psychology	X	X	X	X	X
Religion	X	X	X	—	—
Russian	X	—	—	—	—
Sociology	X	X	X	X	X
Spanish	X	X	X	X	X
Speech	X	X	X	X	X
Zoology	See Biology listed above				

For information regarding details of these programs of study and degree requirements, the University catalog for 1951-52 should be consulted.

THE COLLEGE OF BUSINESS ADMINISTRATION

GENERAL STATEMENT

The College of Business Administration of the University of Florida was organized in 1926-27 to meet the needs of Florida business. The purposes of the College of Business Administration are five in number: First, to provide students with the fundamentals of business; second, to prepare them to become business leaders and executives; third, to train them to serve as business technicians—accountants, economists, statisticians, sales and market specialists and research workers; four, to develop students—at least some students—into prospective business leaders; and fifth, to prosecute projects of research.

The operations of business enterprise in recent years have become increasingly complex in character. They have ceased to be simple and localized; they have become intricate and highly involved—state-wide, nation-wide. To manage business concerns and to make money, broad training is necessary. The principles upon which the economic system functions, the forms of business units, the ramifications of production and of markets, the services of transportation and communication, the impact of taxation, the methods of financing—all require consideration. Those who expect to be business owners and managers or who desire to serve as business specialists must be provided with training in fundamentals—professional training in fundamentals.

The College of Business Administration is organized toward this end. It does not turn out finished business men—managers, executives and department heads. While it supplies its graduates with some skills and gives them a basic understanding, it does not equip them to start at the top. They must start lower down—even at the bottom—and by actual contacts and experience rise to the top—rise more quickly and even more surely than they would be able to rise without such training. Business today demands intensive study. It requires not only experience but also scientific training.

Instruction in Public Administration is designed to provide analysis of the basic principles of government. Its purpose is to prepare students for public service occupations. Government has become increasingly complex and requires personnel throughly trained in political science, economics, history, and other related sciences. The program of training offered supplies basic courses in these fields. It does not equip students with specific skills; it is designed to provide them with broad training in the structure and functions of government and to prepare them for readier entry into public life and occupations.

GRADUATION WITH HONORS

To graduate *With Honors*, a student must have graduated from the University College with honors and completed the work of the Upper Division with an average of 3.2 or higher, or in lieu of graduation from the University College with honors, have completed the work of the Upper Division with an average of 3.4 or higher. To graduate *With High Honors*, a student must have graduated from the University College with honors and completed the work of the Upper Division with an average of 3.5 or higher, or in lieu of graduation from the University College with honors, have completed the work of the Upper Division with an average of 3.65 or higher, and receive an affirmative vote from the faculty of the College. All students who graduate *With Honor* or *With High Honors* shall have completed a minimum of 45 hours in the Upper Division of this College.

UNDERGRADUATE DEGREES AND CURRICULA

The College of Business Administration offers two undergraduate degrees: The Bachelor of Science in Business Administration and the Bachelor of Science in Public Administration. To secure the first named degree students must complete either the curriculum of Business Administration proper or the curriculum in Combination with Law. To secure the second named degree they must complete the Curriculum in Public Administration.

GRADUATE DEGREES

Courses are offered in the Graduate School leading to the degree of Master of Business Administration, the degree of Master of Arts with a major in economics and to the degree of Doctor of Philosophy. For requirements for these degrees consult the section of the *Catalog* entitled The Graduate School.

CURRICULUM IN BUSINESS ADMINISTRATION PROPER

In order to enter the College of Business Administration and to register for any of its curricula students are required to complete the curriculum in the University College as specified or the equivalent thereof in each of the courses of areas of knowledge listed, including the following:

ES. 205-206—Economic Foundations of Modern Life
ATG. 211-212—Elementary Accounting
ES. 203—Elementary Statistics
MS. 208—Business Mathematics

The Curriculum in Business Administration proper is divided into fifteen groups or programs of studies. Each student is required to select and complete one of these groups or programs. Of sixty-six semester hours required for graduation, from thirty-nine to fifty-one hours are prescribed. Where adequate cause therefor is shown students may by petition in some cases substitute other courses in economics and business administration for these prescribed courses. The remaining hours in each group are approved electives. Of these hours, twelve may consist of courses offered outside the College of Business Administration, including six semester hours in advanced military science. The University *Catalog* should be consulted for the requirements of each of the groups.

CURRICULUM IN COMBINATION WITH LAW

The College of Business Administration combines with the University College and the College of Law in offering a six-year program of study to students who desire ultimately to enter the College of Law. Students register during the first two years in the University College and the third year and one term of the summer session in the College of Business Administration. When they have fully satisfied the academic requirements of the College of Business Administration, they are eligible to register in the College of Law. When students have, after entering the College of Law, completed one year's work in law (28 semester hours with at least a C average), they may offer this year's work as a substitute for the fourth year in the College of Business Administration and receive the degree of Bachelor of Science in Business Administration. The University *Catalog* should be consulted for the requirements of this curriculum.

BUSINESS ADMINISTRATION

To enter the College of Business Administration and to register for a Curriculum in Business Administration proper, for the Curriculum in Combination with Law, or for the Curriculum in Public Administration, students are required to complete the curriculum below or the equivalent thereof in each of the courses or areas of knowledge listed including the following:

ES. 205-206—Economic Foundations of Modern Life
ATG. 211-212—Elementary Accounting
ES. 203—Elementary Statistics
MS. 208—Business Mathematics

Freshman Year

First Semester	Hours	Second Semester	Hours
1.—American Institutions	4	1.—American Institutions	4
*2.—The Physical Sciences	3	*2.—The Physical Sciences	3
*3.—Logic or Mathematics	3	*3.—Mathematics or Logic	3
4.—Reading, Speaking and Writing—Freshman English	4	4.—Reading, Speaking and Writing—Freshman English	4
5.—Approved Electives	3	5.—Approved Electives	3
Military Science, Physical Fitness		Military Science, Physical Fitness	
	14-17		14-17

Sophomore Year

1.—Accounting	3	1.—Accounting	3
2.—Economics	3	2.—Economics	3
3.—The Humanities	4	3.—The Humanities	4
4.—Biological Science	3	4.—Biological Science	3
5.—Statistics	4	5.—MS. 208	3
Military Science, Physical Fitness		Military Science, Physical Fitness	
	17		16

* A student who has had three or more years of mathematics and science in preparatory school and whose standings on the placement tests indicate superior knowledge and understanding at these levels may substitute Chemistry or Physics for the Physical Sciences and Basic Mathematics for Logic and Fundamental Mathematics.

At least sixty academic hours plus Military Science are required to complete the Lower Division.

CURRICULUM IN PUBLIC ADMINISTRATION

In order to enter the College of Business Administration and to register for the curriculum in Public Administration, students are required to complete the curriculum in the University College as specified or the equivalent thereof in each of the courses or areas of knowledge listed including the following courses:

ES. 205-206—Economic Foundations of Modern Life
ATG. 211-212—Elementary Accounting
ES. 203—Elementary Statistics
MS. 208—Business Mathematics

The University *Catalog* should be consulted for the requirements of this curriculum.

COLLEGE OF EDUCATION

REQUIREMENTS FOR ADMISSION

For admission to the College of Education students will be required to present a certificate of graduation from the University College, or its equivalent, and to have the approval of the Admissions Committee of the College of Education.

PROGRAM IN ELEMENTARY EDUCATION*

In addition to the basic program with required electives, the following courses are required for certification in Elementary Education (Certificate Bulletin A, June, 1949, State Department of Education), and for the bachelor's degree: EN. 307, 405**, 407; GL. 301 or 302; SCL. 301 or 302; GPY. 315; MSC. 160; PHA. 361, 373; SCA. 253.

RESTRICTED CERTIFICATION IN ELEMENTARY EDUCATION FOR HOLDERS OF CERTIFICATES IN SECONDARY EDUCATION

Teachers already certified in secondary subjects may have the Elementary School Course added to their certificates by one of the following three plans. If a student is working toward an advanced degree, the courses outlined in the plan must be approved by his counselor.

PLAN I

EN. 307—Children and Learning	15
Electives (to be determined by student and his counselor)	3
	18

* EN. 471 and EN. 480 are being offered for the last time this summer (1951) for students who need these courses toward completion of requirements toward a degree in Elementary Education under the old program.

** Students having three years of teaching experience within the five year period immediately preceding the date of application for a degree may substitute six semester hours of Education electives.

PLAN II

†EN. 545—Modern Practices in Elementary Education	6
EN. 547—Problems in Elementary Education	6
Electives (to be determined by student and his counselor)	6
	18

PLAN III

"Satisfactory completion of the following: No less than 19 semester hours in courses taken in addition to any professional preparation work required for the secondary certificate." (See Certificate Bulletin A, June, 1949, p. 29).

PROGRAM IN SECONDARY EDUCATION

Students who are preparing to teach in the secondary schools have the opportunity of specializing in the following teaching areas: agricultural education, business education, industrial arts education, art, English, foreign languages, library science, mathematics, music (restricted certification), health education, physical education, sciences, social studies, and speech.

Students working in the program of secondary education (except in agricultural education) will enroll for EN. 301, 302 and 423 as their basic professional courses.

For formation of programs and planning of sequence of courses the student should consult his counselor.

GRADUATE PROGRAMS

Graduate work in Education offers an opportunity for teachers to specialize in such areas as foundations of education (psychology, philosophy, human growth and development, guidance and counseling), elementary education, secondary education, agricultural education, business education, industrial arts education, school administration, supervision, educational research, education for the exceptional child, and junior college education.

COLLEGE OF ENGINEERING

The College of Engineering is offering several courses during the Summer Session in various departments so that students may graduate in a minimum time. Many other courses included in the engineering curricula, such as mathematics and physics, are also available. During the summer months the engineering student may also take subjects to meet elective requirements.

Students entering the University for the first time may find it to their advantage to enroll in mathematics, Freshman English, American Institutions or General Chemistry and an appropriate engineering prerequisite. Students having completed one year at the University may take courses in calculus and physics. For those students who have completed calculus and physics, statics, dynamics and strength of materials are suggested. Elective subjects in mathematics, physics and the humanities are recommended to all students.

Students who contemplate registration in the College of Engineering and those who are already registered in this college should confer about their schedules with the department heads and the dean as soon as possible.

SCHOOL OF FORESTRY

Courses in Forestry are offered during the Summer Session. The required Summer Camp should be taken between the second and third year's work pro-

† Must be taken as summer workshops.

vided the necessary prerequisites have been completed. Students who contemplate registration in the School of Forestry should consult the University *Catalog* for courses which are prerequisites or are required in the Forestry curriculum.

SCHOOL OF JOURNALISM

A UNIT OF THE COLLEGE OF ARTS AND SCIENCES

Curriculum of the School of Journalism leading to the Bachelor of Science in Journalism degree, is designed to provide the best possible education and professional training. It is in no sense narrowed to a technical or trade school.

The program aims to provide its students with a broad background in liberal arts and sciences—literature, economics, history, political science, sociology, psychology—which are vital aspects of contemporary life and essential to the well-trained journalist. Some of these cultural subjects are required, others elective, giving latitude to the likes and goals of individual students.

The general plan of education in journalism calls for the student to devote about three-fourths of his university career to general background courses. In the other fourth he is combining background knowledge with learning journalistic techniques and putting into actual practice these techniques.

Students entering the School of Journalism must choose one of the programs of study.

The professional courses break down into two principal fields: editorial and advertising. The editorial sequence is recommended for those going into editorial departments of newspapers or magazines, wire services or news agencies. Variations in the editorial sequence can be made for those seeking special training for weekly papers, radio news writing or public relations.

THE GRADUATE SCHOOL

The Graduate School offers programs leading to the degrees of Doctor of Philosophy in a number of fields, Doctor of Education, Master of Arts, Master of Science, Master of Arts in Education, Master of Arts in Architecture, Master of Science in Building Construction, Master of Fine Arts, Master of Science in Agriculture, Master of Science in Engineering, Master of Science in Forestry, Master of Science in Pharmacy, Master of Agriculture, Master of Business Administration, Master of Education, and Master of Physical Education and Health. All students pursuing work for these advanced degrees, as well as all students working for Post-Graduate Certificates, are registered in the Graduate School. All instruction is carried on by the faculties of the colleges and schools listed above.

The work for the Master's Degree must be completed within seven years from the time of first registering for graduate work. For summer session students this means seven summers.

Passing grades for graduate students are A and B in all courses numbered below 500; passing grades for courses numbered 500 and above are A, B, and C. However, C grades count toward a graduate degree if, and only if, an equal number of credits hours in courses numbered 500 and above are earned with grade of A.

National Teacher Examinations.—All graduate students and students working on advanced programs in the Department of Education are required to take the National Teachers Examinations early in their programs. A preliminary application blank is available in the Office of Graduate Studies in Education, YN. 202. This examination is given at stated intervals by the Board of University Examiners. A fee of $6.00 is required for full-time students, or $10.00

for part-time students. The examination is given early in each term and prompt application is necessary.

Residence.—Two semesters, or four nine-weeks summer terms, are necessary to satisfy the residence requirements.

Admission.—All applications must be made to the Admissions Section of the Registrar's Office in accordance with the dates set forth in the University Calendar. Please note that all communications concerning credentials needed and acceptance or rejection must be handled by the Director of Admissions.

A complete transcript of all undergraduate and graduate work of the applicant must be transmitted by the registrar of the institution where the work was completed to the Director of Admissions before the date of registration.

To be eligible for unqualified admission to graduate study, the applicant must (1) be a graduate of an accredited college or university, and (2) have an overall grade average of "C" (2.0). If he meets these two criteria the applicant is referred to a committee for final recommendation. If the applicant fails to meet either or both of these criteria, he will be notified by the Director of Admissions that he cannot be admitted to the Graduate School. If the applicant has a good record but is a graduate of a non-accredited institution, he will be advised that while he cannot register in the Graduate School he may register as an undergraduate and attempt to qualify for admission to the Graduate School at a later date.

MASTER'S DEGREE WITH THESIS

Work Required.—The work for the Master's Degree shall be a unified program with a definite objective, consisting of 24 semester hours, at least 12 of which shall be in the student's major field in courses designated strictly for graduates (numbered 500 or above), or, if approved by the Dean, in courses designated for advanced undergraduate and graduate students. At least one six-hour minor in a single related field, in a department other than the major, is required. Courses in the minor may be numbered 300 or above. The remaining six hours of the 24 required may be used to apply either to the major work, or the minor, or on a second minor, as determined by the student's supervisory committee.

Admission to Candidacy.—Whether an applicant has been provisionally or regularly admitted, his supervisory committee shall review his entire academic record at the end of the first semester or summer session of residence. In addition to the approval of the committee, the formal approval of the principal department concerned will be necessary to admit the applicant to candidacy, to fix definitely the additional residence and course requirements, and to approve the program as submitted. In the Department of Education, candidates for advanced degrees or teaching certificates, should consult the department for additional information affecting admission to candidacy.

Foreign Language Requirement.—The requirement of a reading knowledge of a foreign language is left to the discretion of the student's supervisory committee. If it is required, the examination should be passed by the end of the second summer term, or when the course work is half completed.

Supervisory Committee.—A special supervisory committee is appointed by the Dean of the Graduate School to supervise the course work and the thesis of all candidates. This committee is recommended to the Dean by the head of the department in which the student is majoring when the course work is well along. The chairman of the committee, in general, takes the responsibility for directing the thesis to completion. This supervisory committee con-

ducts the final oral and/or written examination and if satisfactory, recommends the candidate to the Graduate Council for the proper degree.

Thesis.—Two copies of a thesis in a subject closely allied to the major subject are required. The title of the thesis should be submitted on the form for *Application for Admission to Candidacy* when the course work is about half completed (at the end of the second summer term). The original and first carbon copy of the thesis, in temporary bindings, must be submitted at the date noted in the "Calendar," which is three weeks before the date of graduation.

Two copies of a brief *abstract* of the thesis must be submitted at the time the thesis is presented. Candidates should consult the office of the Dean of the Graduate School for instructions.

Final Examination.—In all departments a final general examination, either oral or written or both, covering the whole of the field of study of the candidate, or any part of it, is required. This may embrace not only the thesis and the courses taken but also any questions that a student majoring in that department may reasonably be expected to answer.

MASTER'S DEGREE WITHOUT THESIS

MASTER OF EDUCATION

Description and Purpose.—This degree is designed for the professional preparation of teachers, rather than for research. The work aims to develop in public school workers a wide range of essential abilities and to give them a broad background of advanced general education, rather than to encourage them to specialize narrowly. While not neglecting to add to the qualifications already attained, it further aims to overcome weaknesses in a student's development.

The Master of Education program seeks to develop the student in:

1. An understanding of the nature of the individual and the learning process;
2. An understanding of the purposes, issues, and trends of education in American democracy;
3. An understanding of the social realities of our time and how these condition the educative process;
4. A fairly comprehensive, internally consistent pattern of values in keeping with our democratic traditions; a value-system which the student can apply where issues are concerned;
5. A personal philosophy of education which he can make explicit and which is consistent with his value patterns;
6. The ability to think and act creatively and adequately within his area of specialization or field of work, i.e., to see new problems, to work out solutions, and to communicate the results of his thinking and acting to others.

Admission.—Prospective students must apply to the Registrar, University of Florida, for admission well in advance of registration. (See *Admission to Graduate School*, p. 37.)

Residence.—A minimum of four nine-weeks summer terms, or two semesters and one summer term, or the equivalent, is required as residence. Any student whose undergraduate work does not fit into this program may have to spend more than the minimum time to earn the degree.

Transfer of Credits.—If recommended in advance by the Graduate Committee and approved by the Dean of the Graduate School, a student may be permitted to study with some competent teacher in another institution for one summer term. No graduate credits earned prior to admission to the University may be transferred without special recommendation of the Graduate Committee and the ap-

proval of the Graduate Council. No more than six semester hours of credit may be thus transferred. This transfer of credit does not reduce the residence requirement for the degree.

Work Required.—Instead of having a fixed requirement of majors and minors, each student will be required to submit a plan of study which shows a reasonable amount of balance and direction. The planned program is approved by the student's counselor, with whose assistance the plan is first developed, then by the Education department head concerned and the Office of Graduate Studies in Education. After the program has been developed, any changes must be requested in writing and similarly approved.

Minimum course requirement is 36 semester hours, of which not more than nine may be taken in any summer term (six in six weeks, three in three weeks), and not more than fifteen in any one semester. Six semester hours of workshop or extension courses may be allowed and will count as residence credits.

Where the student has had no previous work in professional courses in Education he must have completed a minimum of 36 hours of professional work in Education including work at the graduate and undergraduate level in order to qualify for this degree. Students planning to take work in closely related fields should consult their counselors as to the acceptability of such work toward meeting this requirement. In general, a minimum of twelve semester hours outside the field of Education is required.

A thesis is not required. A reading knowledge of a foreign language is not required, but the effective use of the English language is expected of all candidates. Admission to the work of this program is not a guarantee that the student will be admitted to candidacy for the degree.

Admission to Candidacy.—The faculty makes a determination as to the competence of the student at the time of his admission to candidacy. Admission to candidacy for the Master of Education degree may be recommended to the Graduate Council by the Graduate Committee on the basis of an unassembled examination to be given at the end of from 12 to 18 semester hours of graduate work at the University of Florida. The unassembled examination is evaluated by a committee of the faculty, which may recommend supplementary oral and/or written examinations for students whose admission to candidacy is in doubt.

The unassembled examination includes: (1) the student's academic record to date, (2) the student's scores on the *National Teacher Examination,* (3) evidence of competency in the use (oral and written) of the English language, (4) evaluation of personal qualities and promise of professional attainment by persons to whom the applicant's record is known, (5) the student's experience record, and (6) any other appropriate information.

The unassembled examination is administered through the Office of Graduate Studies in Education for the Graduate Committee.

The student's remaining program of study will be planned in terms of needs as revealed in the Admission to Candidacy Examination. On approval of the Graduate Committee, the candidate will be recommended for the degree upon the satisfactory completion of the designated course work.

The candidate must have completed at least one year of teaching prior to taking the last six semester hours of work, or must have included in his record the satisfactory completion of an internship program or a minimum of six semester hours of student teaching.

The Graduate Committee of the Department of Education.—A special counselor is appointed for each student in the Master of Education program. His work is under the general supervision of the Graduate Committee in the Department of Education. The program is administered through the Office of Graduate Studies in Education.

MASTER OF AGRICULTURE

Admission.—Qualified students holding the degree of Bachelor of Science in Agriculture, or its equivalent, may enroll in courses leading to the professional degree of Master of Agriculture. Qualifications for admission are outlined under *Admission*, p. 37.

Residence.—A minimum of two semesters, or four nine-weeks summer terms, or the equivalent, is required as residence.

Work Required.—A minimum of thirty semester hours of course work is required, at least fifteen of which must be designated strictly for graduates. Each student's program is designed so as to take into account the qualifications and needs of the individual and is subject to the approval of the Supervisory Committee. A thesis is not required, but the student will submit reports, term papers and records of work accomplished. A final oral examination by the Supervisory Committee covering the whole field of study of the candidate is required.

Supervisory Committee.—A Supervisory Committee, consisting of the major professor as chairman and two others from the related fields of study, appointed by the Dean of the Graduate School, has charge of the program of work of the candidate.

Admission to Candidacy.—The regulations regarding application for admission to candidacy under "Master's Degrees with Thesis" above apply also to this degree.

MASTER OF BUSINESS ADMINISTRATION

This is a professional degree representing a fifth year of work for those students who plan to enter business occupations and wish to go beyond the undergraduate degree.

Admission.—Qualified students holding the degree of Bachelor of Science in Business Administration, or its equivalent, may be admitted to courses leading to the degree of Master of Business Administration. (See *Admission*, p. 37.)

Residence.—A minimum of two semesters, or four nine-weeks summer terms, or the equivalent, is required as residence.

Work Required.—Thirty semester hours of economic and business courses are required. Of these, not less than 15 semester hours must be in courses designated strictly for graduates and numbered 500 or more.

Admission to Candidacy.—The regulations regarding application for admission to candidacy under "Master's Degrees with Thesis" above apply also to this degree.

Supervisory Committee.—Students registered for the M.B.A. degree are supervised by the Committee on Graduate Offerings of the College of Business Administration through the Chairman of the Committee and with the assistance of the professor of the student's major subject.

Examinations.—A thesis is not required, but candidates must pass two examinations. The first is a written examination covering accounting, statistics, economic theory, and finance given at the time of admission to candidacy which is ordinarily near the end of the first semester of graduate work. The second is an oral examination on the candidate's field of specialization given at the close of course work by a committee composed of the candidate's major professor and two members of the Committee on Graduate Offerings.

MASTER OF PHYSICAL EDUCATION AND HEALTH

Admission.—Qualified students holding the degree of Bachelor of Science in Physical Education and Health, or its equivalent (such as a Bachelor of Arts in Education with a major in Physical Education), may be admitted to courses

leading to the professional degree of Master of Physical Education and Health. (See *Admission*, p. 37.)

Residence.—A minimum of two semesters, or four nine-weeks summer terms, or the equivalent is required as residence.

Work Required.—A minimum of thirty semester hours of course work is required, at least fifteen of which must be courses in the fields of Physical Education, Health Education or Recreation designated strictly for graduates (courses numbered 500 or above). Of the remaining fifteen hours, at least nine semester hours must be taken in courses outside the College of Physical Education, Health and Athletics.

Supervisory Committee.—A committee of five members of the faculty of the College of Physical Education, Health and Athletics, with the Dean of the College or some person designated by him serving as chairman, will supervise the work of students registered in this program.

Admission to Candidacy.—Admission to the work of this program is not a guarantee that the student will be admitted to candidacy for the degree. The student will be required to successfully pass a written and/or oral examination in addition to being recommended by the supervisory committee for admission to candidacy. This examination should be taken by the end of the student's first semester of residence.

Final Examination.—A thesis is not required but the candidate must pass a final examination at the close of his course work. This written and/or oral examination will be administered by the supervisory committee and will cover the student's whole field of study.

DOCTOR'S DEGREES

DOCTOR OF PHILOSOPHY

The degree of Doctor of Philosophy is offered in the department of Agricultural Economics, Animal Husbandry (Animal Nutrition), Biology (Zoology), Cancer Research, Chemical Engineering, Chemistry, Economics, Electrical Engineering, English, History, Horticulture, Latin American Studies, Mathematics, Pharmacy, Pharmacognosy and Pharmacology, Physics, Political Science, Psychology, Spanish, and Speech. It is expected that other departments will be added from year to year as facilities are increased.

Residence.—A minimum of three academic years of resident graduate work, of which either the second or the third year must be spent continuously (in continuous residence) as a full-time student at the University of Florida, is required of all candidates for doctors' degrees. In many cases, it will be necessary to remain longer than three years, and necessarily so when the student is not putting in his full time in graduate work.

Distribution of Work.—Two-thirds of the student's time is expected to be spent upon his major subject and the dissertation, and about one-third on his minor or minors. The student will be guided in his whole course of study by the professor of his major subject and by his special supervisory committee. The Graduate Council does not specify just what or how many courses will be required. The work is mainly research, and the student is thrown largely upon his own responsibility.

Minors.—The student must take one minor and may not take more than two. In general, if two minors are taken, the second minor will require at least one year.

Special Supervisory Committee.—When the student has advanced sufficiently towards his degree, a special committee will be appointed by the dean, with the professor of the major subject as chairman. This committee will direct, advise, and examine the student. The dean is *ex-officio* member of all supervisory committees.

Language Requirements.—A reading knowledge of both French and German is required of all candidates for the Ph.D. degree. Upon the recommendation of the candidate's supervisory committee, in special cases another foreign language may be substituted for French or German. The examination in the languages are held by the language departments concerned. These requirements should be met as early as possible in the student's career and must be satisfied before the applicant can be admitted to the qualifying examination.

Qualifying Examination.—The qualifying examination, which is required of all candidates for the degree of Doctor of Philosophy, may be taken during the second term of the second year of residence. The examination, which will be conducted by the special supervisory committee, is both written and oral and covers both major and minor subjects.

Between the qualifying examination and the conferring of the degree there must elapse a minimum interval of one academic year in full-time residence, or one full calendar year.

If the student fails in this qualifying examination, he will not be given another opportunity unless for special reasons a re-examination is recommended by his special supervisory committee and approved by the Graduate Council.

Dissertation.—A satisfactory dissertation showing independent investigation and research is required of all candidates. Two typewritten copies of this dissertation must be presented to the dean on or before the date specified in the University Calendar.

Printing of Dissertation.—One hundred printed copies of the dissertation must be presented to the University within two years after the conferring of the degree. Reprints from reputable journals may be accepted upon the recommendation of the special supervisory committee. After the dissertation has been accepted, the candidate must deposit with the Business Manager, not later than one week before the degree is conferred, the sum of $50 as a pledge that the dissertation will be published within the prescribed time. This sum will be returned if the printed copies are received within two years.

Final Examination.—After the acceptance of the dissertation and the completion of all other prescribed work of the candidate, but in no case earlier than sixty days before the conferring of the degree, the candidate will be given a final examination, oral, or written, or both, by his special supervisory committee.

DOCTOR OF EDUCATION

The requirements for the degree are the same as those for the Doctor of Philosophy, with the exception that candidates for the degree of Doctor of Education may either satisfy the usual language requirement or substitute the following:

1. A course in educational research
2. An examination covering the techniques of using the library
3. An elementary course in statistics

These requirements must be met before the student is eligible to apply for the qualifying examination.

The doctoral candidate in Education must choose, as his area of specialization, an instructional field in which competent supervision is available.

A minor will be supporting work taken in another field. It will consist of at least twelve semester hours for the first minor and at least six semester hours for the second minor. Minors may not be taken in any branch of Education.

Before he can be recommended for admission to candidacy, the student must present a project outline approved by his supervisory committee to a graduate seminar, consisting of representatives of the Graduate Committee of the College of Education, his supervisory committee, other faculty members, and graduate students.

Residence.—The residence requirement is the same for the Ph.D. degree. It may not be satisfied by summer session attendance only. Either the second or third year must be in continuous residence as a full-time student at the University of Florida.

FLORIDA POST GRADUATE CERTIFICATES

For regulations governing the securing of recommendations for the Florida Post Graduate Certificate and the Advanced Post Graduate Certificate, consult the Office of Graduate Studies in Education, 202 Yonge Building.

INSTRUCTIONS FOR GRADUATE STUDENTS

1. Correspond with the Dean and if necessary with the head of the department in which you propose to take your major work.

2. If you are found eligible and decide to come to the University of Florida, have the Registrar of your school send a transcript of your work to the Registrar at the University. This should be at least a month before the date of registration, *and it must be on file before the student will be allowed to register.*

3. At the proper time, register with the Dean. He will give you blank form No. 1 to take to your department head. Either the head of the Department or some other professor in this department will become the professor of your major subject and will suggest courses for which you should register for the session. Take this blank to the Dean and complete your registration.

4. Observe the dates for satisfying the language requirement and for applying for admission to candidacy.

5. Early in your last term before graduation, notify the Registrar that you are a candidate for a degree. See calendar for *Last day for making application for a degree.*

6. When you are ready to put the thesis in final form, get instructions at the Dean's office. Watch your time. Consult the calendar.

7. Consult the professor of your major subject and your special supervisory committee for guidance.

8. Consult the Dean's office if you wish interpretation of any requirement.

GRADUATE SCHOOL OF INTER-AMERICAN STUDIES

This department, headed by a Director, operates in accordance with the standards of the University Graduate School and Graduate Council. Its Director and staff in Inter-American Affairs in the humanities and social sciences will advise the students at the graduate level in conformity with the regulations of the Graduate School.

The general Inter-American program of the University in connection with Inter-American Affairs embraces all phases of University work including agriculture, engineering, etc., and is worked out cooperatively with existing units in these areas.

RESEARCH PROGRAM AT THE OAK RIDGE INSTITUTE OF NUCLEAR STUDIES

The University of Florida is one of the Sponsoring Universities of the Oak Ridge Institute of Nuclear Studies located at Oak Ridge, Tennessee. Through this cooperative association with the Institute our Graduate Research Program has at its disposal all the facilities of the National Laboratories in Oak Ridge and of the research staffs of these laboratories. When Master's and Doctoral candidates have completed their resident work it is possible, by special arrangement, for them to go to Oak Ridge to do their research problems and prepare their theses. In addition, it is possible for the staff members of this university to go to Oak Ridge for varying periods, usually not less than three months, for advanced study in their particular fields. Thus, both staff and students may keep abreast of the most modern and up-to-date developments in atomic and nuclear research that is in progress at the Oak Ridge laboratories.

The students will go to Oak Ridge on Oak Ridge Graduate Fellowships which have varying stipends determined by the number of dependents they have and the level of work that they are doing. Staff members may work in Oak Ridge on stipends commensurate with their present salary and rank.

A copy of the Bulletin and Announcement of the Graduate Training Program of the Oak Ridge Institute of Nuclear Studies is available in the office of the Dean of the Graduate School. Should you be interested, ask for this Bulletin at his office, and he will be glad to assist you in making an application for an Oak Ridge Fellowship. If you prefer you may request a Bulletin by writing to the Chairman of the University Relations Division of the Oak Ridge Institute of Nuclear Studies, Box 117, Oak Ridge, Tennessee.

All arrangements for these fellowships will be made between the Dean of the Graduate School and the Institute.

COLLEGE OF PHARMACY

The Summer Session offerings of the College of Pharmacy provide two courses in the Lower Division and several courses in the Upper Division. One graduate course is offered, and graduate students will be given guidance on theses leading to the M.S. and Ph.D. degrees.

For complete description of the courses and requirements for admission and graduation the student should consult the University *Catalog*.

COLLEGE OF PHYSICAL EDUCATION, HEALTH AND ATHLETICS

REQUIREMENTS FOR ADMISSION

Students entering the College of Physical Education, Health and Athletics are required (1) to present a certificate of graduation from the University College or its equivalent as determined by the Board of University Examiners, (2) to be certified by the Board of University Examiners as qualified to pursue the work of the College, (3) to have the approval of the Committee on Admissions of the College of Physical Education, Health and Athletics, and (4) to have completed the professional courses listed under the basic program in the University College section of this catalog, although a student may be enrolled in the Upper Division "on probation" until he completes them. Students whose records in the University College do not indicate that they are qualified to take the professional courses of the Upper Division will not be admitted to the College.

Transfer students entering from other institutions must present college credit equivalent to graduation from the University College, as determined by the Board of University Examiners, and have the approval of the Committee on Admissions of the College of Physical Education, Health and Athletics.

BACHELOR OF SCIENCE IN PHYSICAL EDUCATION AND HEALTH

The degree of Bachelor of Science in Physical Education and Health is granted to students who satisfactorily complete one of the following curricula: Physical Education for Men, Physical Education for Women, Health Education, or Recreation. The minimum requirement for graduation from the College of Physical Education, Health and Athletics is 66 semester hours with an average of C or higher. Each student is required to select and complete one of the curricula offered in this college.

In addition to completing the requirements of one of the several curricula, the student must have earned six "Activity Units" in approved extra-curricular activities before being recommended for graduation. Experience shows that men and women in this profession are called on to perform many and varied services in their respective schools and communities. Participation in extra-curricular activities while in college (such as student government, student publications, athletics, dramatics, debating and serving on student committees) contributes substantially to the success of persons entering the profession. For this reason "Activity Units" must be distributed over two different types of extra-curricular activities. Such extra-curricular activities will be accepted from the date of matriculation in the University. "Activity Units" are not to be confused with regular course credits. Detailed information on this requirement may be secured from the Head of The Professional Curriculum.

MASTER OF PHYSICAL EDUCATION AND HEALTH

Courses are offered in the Graduate School leading to the degree of Master of Physical Education and Health. For requirements for the Master's Degree, consult the section of this Catalog entitled The Graduate School.

SPECIAL THREE WEEK COURSES

The courses listed in this section are for special groups and run for three weeks only. Enrollment is limited to these special groups as indicated. Students registering for courses listed in this section follow the same admission and registration procedures as other students but are limited to a maximum load of three semester hours.

JUNE 18 TO JULY 7

AGRICULTURAL EXTENSION

GRADUATE COURSE

AXT. 507.—Advanced Agricultural Extension Service Youth Program. 1½ credits. Open only to Agricultural Extension workers.

M W F 10:00 and T Th S 9:00 to 11:00. HAMPSON, C. M.

Advanced training in developing and conducting 4-H Club work. Securing leaders, training leaders and officers, maintaining interest are given special attention.

ANIMAL HUSBANDRY

GRADUATE COURSE

AL. 501.—Advanced Animal Production. 1½ credits. Open only to Agricultural Extension Workers.

Section 2. M W F 8:00 to 10:00 and T Th S 8:00. NE 202. CUNHA and STAFF.

Reviews and discussions on the latest developments in the fields of animal production, nutrition and genetics.

EDUCATION

GRADUATE COURSES

EN. 572.—Preparing Course Materials and Community Programs in Agriculture. 3 credits. Open only to graduate students in Education. Prerequisite: Bachelor's degree in Agricultural Education or equivalent.

9:00-11:00 and 3:00 daily YN 150 GARRIS, E. W.

Each student will prepare a program to suit his particular locality.

EN. 615.—Program and Functions of Teacher Education Institutions. 3 credits. Open only to graduate students in Education.

9:00-12:00 daily. YN 232. HENDERSON, L. N. and WATTENBARGER, J. L.

For the college teacher who expects to serve on the faculty of a teacher education institution. Emphasis on organization, teacher education programs, types of students, patterns of curricula, functions of staff, significant organizations and agencies, and special studies.

JOURNALISM

JM. 320.—Agricultural Journalism. 1½credits. Open only to Agricultural Extension workers.

1:00 daily and 2:00-4:00 M W F. K 103. JONES, J. P.

Fundamentals of presenting news and information to the public about the activities of agricultural and home demonstration workers.

PHYSICAL EDUCATION, HEALTH AND ATHLETICS

PHA. 324.—Social Recreation. 1½ credits. Open only to Agricultural Extension Workers.

Section 2. 11:00 daily and 3 hours to arrange. FG 224. MILLAR, J., and BOSWELL, J. H.

Methods, materials and techniques of conducting social recreation programs. Instruction is given in planning and participating in social activities for groups of varying sizes and for different situations. The activities include progressive parties, quiet, and semi-active group games, stunts and contests, social mixers, outing events including hikes and picnics, and activities for special occasions, such as Thanksgiving, Halloween and Christmas.

JULY 9 TO JULY 28

EN. 482.—Planning for Improved Daily Living. 3 credits. Open only to graduate students in Education.

Section 1. 9:00-12:00 daily. YN 323. INGLE, K. H.

Techniques of using Florida resources in the areas of arts and crafts, architecture, housing, interior decorating, and landscaping. Attention to developing understandings and appreciations of the fine arts, costume design, health practices, human relationships.

GRADUATE COURSES

EN. 580.—Workshop in Economic Education. 3 credits. Open only to graduate students in Education.

9:00-12:00 daily. YN 214. MOORMAN, J. H. and SHIELDS, M. W.

For teachers of social studies, business education and related fields, and for supervisors and administrators. Purposes are: (1) to increase understanding of our national economy by a study of fundamental principles and concepts, (2) to make plans for more and better teaching of economic understandings in the elementary and high schools. The work will be directed jointly by specialists in economics and in education.

EN. 614.—Seminar in Secondary Education. 3 credits. Open only to graduate students in Education.

9:00-12:00 daily. YN 150.

Primarily for majors in secondary education or secondary school administration.

EN. 685.—Seminar in General Education for Colleges. 3 credits. Open only to graduate students in Education.

9:00-12:00 daily. YN 232. HENDERSON, L. N. and WATTENBARGER, J. L.

An advanced course designed to acquaint the student with the several aspects of general education programs in higher institutions, including junior colleges. Investigation of forces contributing to the general education movement, of the characteristics and needs of the "new student," of objectives of general education, of types of courses and programs, of the content of courses, and of similar related problems will be features of the seminar. The student will have opportunity to observe in University College one of America's older and more successful general education programs in action.

JULY 30 TO AUGUST 18

BUSINESS EDUCATION

GRADUATE COURSE

BEN. 564.—Materials and Methods of Teaching General Business. 3 credits.
9:00-12:00 daily. YN 305. MOORMAN, J. H.

The objectives, content, resource materials, and methods of teaching general business in high schools; the coordination of general business and social studies.

EDUCATION

EN. 482.—Planning for Improved Daily Living. 3 credits. Open only to graduate students in Education.
Section 2. 9:00-12:00 daily. YN 323. INGLE, K. H.

GRADUATE COURSES

EN. 506.—Introduction to Audio-Visual Materials. 3 credits. Open only to graduate students in Education.
9:00-12:00 daily. YN 142. ALEXANDER, V. W.

EN. 509.—Teaching Science in the Elementary School. 3 credits. Open only to graduate students in Education. Prerequisite: GL. 301 or equivalent, and teaching experience.
9:00-12:00 daily. LE 138. BINGHAM, N. E.
1:00- 4:00 daily. LE 142.

The place of science in the elementary school, the scientific approach, science experiences appropriate for elementary school pupils, preparation of scientific materials for use in elementary school classrooms, new developments in teaching science in elementary schools.

EN. 520.—Laboratory Workshop in Curriculum Development. 3 credits. Open only to graduate students in Education. Prerequisite: EN. 527 or equivalent; in addition EN. 519 recommended.
9:00-12:00 daily. YN 203. PADGETT, E.

Each student will be expected to survey the research and best thinking on practices in the subject fields upon which he works in the laboratory. He will spend most of his time developing resource units.

EN. 521.—Public School Business Administration and Finance. 3 credits. Open only to graduate students in Education.
9:00-12:00 daily. YN 138. JOHNS, R. L.

Included in the scope of this course are the following areas: state, local, and federal financing of education; school financial records and reports; the preparation and administration of budgets; purchasing procedures; the issuance and sale of school securities.

EN. 536.—Methods and Problems of Educational Supervision. 3 credits. Open only to graduate students in Education.
9:00-12:00 daily. YN 236. GREEN, E. K.

Critical study of supervisory practices as applied to typical instructional problems. Methods of evaluating instruction.

EN. 540.—Socio-Economic Foundations of Education. 3 credits. Open only to graduate students in Education.
Section 2. 9:00-12:00 daily. YN 311. COX, D. W.

EN. 541.—Problems in Educational Psychology. 3 credits. Open only to graduate students in Education.
9:00-12:00 daily. YN 134.

EN. 544.—Legal Phases of Public School Administration. 3 credits. Open only to graduate students in Education.

9:00-12:00 daily. YN 207. LEPS, J. M.

The legal status of schools in the United States; emphasis on Florida conditions, school laws, constitutional provisions, judicial decisions, Attorney General's rulings, and regulations of the State Board of Education. Only graduate students with experience in administration and supervision will be admitted.

EN. 550.—Workshop in the Language Arts in the Secondary School. 3 credits. Open only to graduate students in Education.

9:00-12:00 daily. YN 214. BOUTELLE, M. W.

Gives opportunity to principals, supervisors, graduate students, and in-service teachers to work on their own problems at the various levels in grades 7 through 14. Present trends, basic principles, methods, and materials will be considered.

EN. 562.—Principles of Pupil Guidance. 3 credits. Open only to graduate students in Education.

Section 2. 9:00-12:00 daily. YN 101. STRIPLING, R. O.

EN. 563.—Techniques in Guidance and Counseling. 3 credits. Open only to graduate students in Education. Prerequisite: EN. 562 or equivalent.

Section 2. 9:00-12:00 daily. YN 201. FAGIN, B.

EN. 578.—Language Arts in the Elementary School—Skills. 3 credits. Open only to graduate students in Education.

9:00-12:00 daily. YN 150. HILLIARD, P.

The latest trends and practices in the teaching of reading, oral and written expression, handwriting and spelling.

EN. 581.—Teaching in Small Schools. 3 credits. Open only to graduate students in Education.

9:00-12:00 daily. YN 226. WOFFORD, K. V.

To assist teachers and supervisors of small schools of less than six teachers where there are special problems.

EN. 585.—Workshop in Junior College Education. 3 credits. Open only to graduate students in Education.

9:00-12:00 daily. YN 232. WATTENBARGER, J. L.

Problems of administrators, teachers, and other professional workers in junior college and general education programs.

EN. 590.—Problems in School Administration and Supervision. 3 credits. (County Superintendents.)

To arrange. YN 128. JOHNS, R. L.

EN. 592.—Problems in School Administration and Supervision. 3 credits. (Elementary Principals.)

To arrange. YN 130. LEPS, J. M.

EN. 593.—Problems in School Administration and Supervision. 3 credits. (Secondary Principals.)

To arrange. YN 130. LEPS, J. M.

EN. 603.—School Transportation. 3 credits. Open only to graduate students in Education.

9:00-12:00 daily. YN 132. BAIRD, J. P. and JOHNS, R. L.

The organization and administration of transportation services for school children; routing of school buses, transportation safety standards; the organization and administration of publicly owned systems of transportation.

EN. 607.—Administration of Teacher Personnel. 3 credits. Open only to graduate students in Education.

9:00-12:00 daily. YN 316. SIMMONS, G. B.

Consideration of the human factors in school administration.

INDUSTRIAL ARTS

IN. 312.—Elementary School Handicrafts. 3 credits.

Section 2. 8:00-11:00; 1:00-4:00 daily. YN 304-B. BERGENGREN, R. F.

GRADUATE COURSES

IN. 533.—Industrial Arts and Vocational Laboratory Seminar. 3 credits.

Section 2. 8:00-11:00 daily. YN 302. WILLIAMS, W. R.

IN. 535.—Curriculum Development in Industrial Education. 3 credits. Prerequisite: IN. 506 and one graduate Education course in curriculum.

1:00-4:00 daily. YN 302. WILLIAMS, W. R. and STAFF.

A staff course concerning the industrial arts and vocational industrial curriculum in its wider implications, comprising review of the current situation and advanced study and research of a projective nature, proceeding from basic educational concepts to specifics of the field.

PHYSICAL EDUCATION, HEALTH AND ATHLETICS

PHA. 361.—The Elementary School Health Program. 3 credits.

Section 2. 9:00-12:00 daily. FG 208. HICKS, D. A.

Principles of developing the health program with procedures for protecting and improving the health of the elementary school child through: home-school-community resources and cooperation; health screening and follow-up; use of school plant and health services; selection and use of health instructional materials, records and reports in providing health experiences at various levels of the elementary school; integration and evaluation of health instruction.

GRADUATE COURSE

PHA. 510.—Evaluative Procedures in Physical Education and Health Education. 3 credits.

9:00-12:00 daily. FG 210. STATON, W. M.

Basic concepts of measurement and evaluation as applied to the fields of physical education and health education. Status of evaluative procedures, application of elementary statistical methods; problems of administering testing programs in the schools. Analysis of instruments and techniques used in measuring ability, capacity, and progress.

SIX WEEK COURSES

The courses listed in this section are for graduate students in Education only and run for six weeks only. Students registering for courses listed in this section follow the same admission and registration procedures as other students but are limited to a maximum load of six semester hours.

JUNE 18 TO JULY 28

BUSINESS EDUCATION

GRADUATE COURSES

BEN. 552.—Teaching Office Machines. 3 credits. Prerequisite: BEN. 352 or equivalent.

10:00-12:00 M T W Th F and 5 hours laboratory to arrange. YN 305. BRADDY, V.

Methods of teaching the operation of machines commonly used in business offices.

BEN. 575.—Administration and Supervision of Business Education. 3 credits. Prerequisite: One year of teaching experience in Business Education and approval of department head.

8:00-10:00 M T W Th F. K 203.

Problems and duties of administrators and supervisors of business education at the city and county levels are studied.

BEN. 585.—Problems in Business Education. 3 credits.

2:00-4:00 M T W Th F. YN 305.

Areas of interest to students enrolled will be studied intensively; emphasis on problems in business education in Florida schools.

EDUCATION

EN. 317.—Measurement and Evaluation of School Practices. 3 credits.

8:00-10:00 M T W Th F. OF. HINES, V. A.

Study of basic principles and methods of measurement; evaluation of pupil learning in schools.

EN. 325.—Teaching and Administration in Schools of Nursing. 6 credits.

8:00-12:00 M T W Th F. FG 220. RITTER, B. E., and SALISBURY, A.

Conducted on a workshop basis. Consideration of problems in nursing school administration such as organization and control, faculty selection, curriculum construction, accreditation, personnel management; and of problems of instruction such as methods and materials of teaching and techniques of evaluation.

EN. 385.—Child Development. 3 credits.

Section 2. 8:00-10:00 M T W Th F. YN 236. McLENDON, I. R.

EN. 386.—Educational Psychology. 3 credits.

Section 2. 2:00-4:00 M T W Th F. YN 236. McLENDON, I. R.

EN. 403.—Philosophy of Education. 3 credits.

10:00-12:00 M T W Th F. YN 236. BAMBERGER, F. E.

A critical examination of various theories and philosophies of education, their relationships to the democratic principle, and their significance to the evolving system of education in the United States.

EN. 428.—Materials and Methods for Teaching Slow Learners. 3 credits. Prerequisite: PSY. 312 or equivalent.

8:00-10:00 daily. OD.

Programs will be constructed which will correlate skill subjects with the cores of interest. Curricular materials will be considered which can be used to teach mentally handicapped children at various maturation levels and in various situations.

EN. 429.—Methods of Teaching Crippled Children. 3 credits. Prerequisite: PSY. 312 or equivalent.

10:00-12:00 daily. OD.

An analysis of academic difficulties and needs due to specific handicaps. Consideration to maintaining a "normal" school program for each child.

GRADUATE COURSES

EN. 500.—Research and Thesis Writing. No credit.

2:00-4:00 M T W Th F. YN 323. BAMBERGER, F. E.

Candidates for the Master of Education degree are invited to enroll. Consideration of methods of research, use of primary materials, problems of measurement, statistical analysis of research, graphical representation of educational data, and the assembling and organization of materials for the thesis.

EN. 503.—Measurement and Evaluation. 3 credits. Prerequisite: EN. 316 is recommended.

8:00-10:00 M T W Th F. OF. HINES, V. A.

Students will be guided in the investigation of problems involving measurement, evalution of school procedures and diagnostic and remedial practices.

EN. 506.—Introduction to Audio-Visual Materials. 3 credits.

10:00-12:00 M T W Th F. YN 142. ALEXANDER, V. A.

Techniques to provide better classroom utilization of the audio-visual aids to learning; some opportunity to develop skill in these techniques.

EN. 507.—Advanced Educational Psychology. 3 credits.

2:00-4:00 M T W Th F. YN 134.

Trends in the application of psychology to problems of education; problems directly related to the needs of students enrolled.

EN. 508.—The Educational Philosophy of John Dewey. 3 credits.

10:00-12:00 M T W Th F. YN 134. NORMAN, J. W.

The more important trends in present-day education and the philosophical and psychological theories which constitute the background.

EN. 510.—History of Education. 3 credits.

8:00-10:00 M T W Th F. YN 134. NORMAN, J. W.

Attempt is made to evaluate present-day education by tracing back to their beginnings such dominant factors as the teacher, the curriculum, the school plant, and the sources of support and control for schools.

EN. 515.—Mental Health in the Classroom. 3 credits.

10:00-12:00 M T W Th F. WA 202.

Personal development of healthy mental attitudes; techniques to help children to develop normal attitudes and behavior; techniques to assist those who deviate from the normal.

EN. 516.—The Junior High School Program. 3 credits.

10:00-12:00 M T W Th F. OE. EGGERT, C. L., and PADGETT, E.

Teachers, principals, and supervisors are given an opportunity to analyze and evaluate the curriculum offerings in the modern junior high school. Emphasis will be placed on developing a school program to meet the needs of early adolescents.

EN. 518.—Organization and Administration of Secondary Schools. 3 credits.
8:00-10:00 M T W Th F. YN 138. LEPS, J. M.

The duties of principals of junior and senior high schools and of junior colleges are comprehensively studied.

EN. 519.—Foundations and Problems of Curriculum Construction. 3 credits. Prerequisite: EN. 527 or equivalent. This is a basic course for graduates doing major work in the instruction or guidance fields.
8:00-10:00 M T W Th F. I 103. KITCHING, E.

Conflicting viewpoints in curricular practice, the relationship of pupil maturity to curriculum development, implications of the guidance emphasis, approaches to writing courses of study, reorganizing the program of studies, developing core courses, planning the co-curricular and extracurricular programs. Each student will present a discussion of some curriculum problem.

EN. 522.—Educational Organization and Administration. 3 credits.
10:00-12:00 M T W Th F. YN 138. JOHNS, R. L.

The basic course in school administration. It includes the following areas: Federal, state and local relationships and functions; systems of educational organization in the United States; duties of superintendents, board members, principals and trustees; the organization of local school units; and the interrelationships of teachers, administrators and supervisors.

EN. 524.—Organization and Administration of Elementary Schools. 3 credits.
2:00-4:00 M T W Th F. YN 140. EGGERT, C. L.

The organization of the elementary school in the light of its purposes and functions is studied. The duties of the school principal are considered in their broad applications to elementary school problems.

EN. 530.—Individual Work. 3 or 6 credits.
Section 2. To arrange. YN 302. WILLIAMS, W. R.

EN. 533.—Problems in Teaching Science in Senior High Schools and Junior Colleges. 6 credits. Prerequisite: Graduate standing or teaching experience.
8:00-12:00 M T W Th F. LE 138. BINGHAM, N. E.; ELLIOTT, P.;
1:00- 3:00 M T W Th F. LE 142. McCRACKEN, M. R.; LEAVITT, B. B.

Recent developments in the sciences and their implications for high school and junior college teaching; new techniques of teaching; current problems.

EN. 535.—Fundamentals of Educational Supervision. 3 credits.
8:00-10:00 M T W Th F. YN 311. GREEN, E. K.

The functions of supervisory officers related to improving instruction are critically reviewed in their backgrounds of educational purposes and the organization of school systems. Introductory consideration is given to the use of various supervisory devices and procedures in elementary and secondary school situations.

EN. 537.—Supervision of Student Teaching and Internships. 6 credits.
8:00-12:00 M T W Th F. YN 226. LEENHOUTS, L. N., WILES, K.

For teachers who supervise student teachers or interns in the elementary school.

EN. 539.—Teaching Exceptional Children. 3 credits.
8:00-10:00 M T W Th F. OE. MASE, D. J.

Study of methods of finding, diagnosing, and educating children who find difficulty in adjusting to the usual public school environment.

EN. 540.—Socio-Economic Foundations of Education. 3 credits.
Section 1. 2:00-4:00 M T W Th F. YN 311. HINES, V. A.

The socio-economic bases of education are comprehensively surveyed.

EN. 541.—Problems in Educational Psychology. 3 credits.
8:00-10:00 M T W Th F. WA 202.

Individualized study of problems dealing with child development, adolescence, learning, and other areas of educational psychology.

EN. 545.—Modern Practices in Elementary Education. 6 credits.

8:00-12:00 M T W Th F. YN. HILLIARD, P.

An orientation course for all graduate majors in elementary education. Emphasis is placed on modern school curriculum practices and on child development as it is related to learning.

EN. 547.—Problems in Elementary Education. 6 hours.

8:00-12:00 M T W Th F. YN. WOFFORD, K. V.

Principles and practices of elementary school education are studied by the problem approach. The area of social learnings will be stressed.

EN. 562.—Principles of Pupil Guidance. 3 credits.

Section 1. 10:00-12:00 M T W Th F. YN 311. STRIPLING, R. O.

Students carry out an individual guidance project in addition to their survey of guidance principles and practices in schools. Those who have had an introductory course in guidance should take EN. 563 as their second course in the field.

EN. 563.—Techniques in Guidance and Counseling. 3 credits. Prerequisite: EN. 562 or equivalent.

Section 1. 10:00-12:00 M T W Th F. K 203. FAGIN, B.

Experience is given in the use of measuring instruments useful in guidance; counseling techniques are carefully considered; the keeping and use of records are examined; and the functions of a guidance specialist are studied.

EN. 575.—Modern Trends in the Teaching of Reading. 3 credits.

2:00-4:00 M T W Th F. AN 306. SPACHE, G. D.

To help teachers on all grade levels to understand the purpose of teaching reading, to know the specific skills and attitudes which should be developed, and to become acquainted with the techniques of teaching them.

EN. 576.—Laboratory in Corrective Reading. 3 credits. Prerequisite or co-requisite: EN. 575 or equivalent.

8:00-10:00 M T W Th F. AN 306. SPACHE, G. D.

Intensive study is made of the diagnosis, correction, and prevention of reading difficulties. Application of the principles studied will be made in work with individuals and selected groups of children. This course deals with both elementary and secondary school reading problems.

EN. 584.—Education for Young Children. 6 credits.

8:00-12:00 M T W Th F. YN 209.

For teachers of children of pre- and early school age. The course includes such topics as the following: what young children are like; curriculum experiences to meet the needs of young children; methods and materials; reports and records; working with parents.

EN. 608.—Administration of Pupil Personnel. 3 credits.

2:00-4:00 M T W Th F. YN 316. SIMMONS, G. B.

EN. 675.—The Core Program in the Secondary School. 3 credits.

10:00-12:00 M T W Th F. I 103. KITCHING, E.

A program for teachers interested in learning how to work effectively in schools which utilize the core curriculum type of organization.

ENGLISH

EH. 306.—Modern English Grammar. 3 credits.

1:00-3:00 M T W Th and 1:00 F. AN 210. COX, E. H.

A study of modern English inflection and syntax. Designed to be of practical value to teachers of English.

EH. 308.—American Folksongs. 3 credits.

3:00-5:00 M T W Th and 3:00 F. AN 210. MORRIS, A. C.

A course designed (1) to acquaint the students with the large body of American folksongs such as the English and Scottish popular ballads, cowboy songs, sea chanteys, negro spirituals, folk hymns of the whites, songs of the lumberjacks, dialogue and nursery songs, play-party songs, and mining camp songs; and (2) to point out the value inherent in the folksong material for the classroom teacher and for students interpreting the American cultural heritage.

INDUSTRIAL ARTS

IN. 312.—Elementary School Handicrafts. 3 credits.

Section 1. 8:00-11:00 daily. YN 304-B. BERGENGREN, R. F.

Primarily for teachers. Individual creative expression in both structural and decorative design application; simple projects in leather, textiles, clay, reed, felt, linoleum block, metal, cork, woods; the development of native craft materials.

IN. 313.—Handicrafts. 3 credits.

1:00-4:00 daily. YN 304-B. BERGENGREN, R. F.

The course deals with secondary school, recreational, and adult programs. Major areas explored include leather carving and tooling, metal etching, wood carving, pottery, plastics and textiles.

GRADUATE COURSES

IN. 506.—History and Philosophy of Industrial and Vocational Education. 3 credits.

8:00-10:00 M T W Th F. YN 304-A. MEYER, H. K.

The historical background which highlights the significant educational philosophies and objectives underlying the programs of industrial arts and vocational education. Emphasis is given to modern concepts and their implications.

IN. 525.—Advanced Industrial Arts Design. 3 credits.

1:00-4:00 daily. YN 304-A. MEYER, H. K.

Industrial arts project design for various media. Laboratory practice.

IN. 533.—Industrial Arts and Vocational Laboratory Seminar. 3 credits.

Section 1. 10:00-12:00 M T W Th F. YN 302. WILLIAMS, W. R.

Advanced laboratory techniques; opportunity for in-service graduates to exchange experiences.

LIBRARY SCIENCE

LY. 303.—Library Organization and Administration. 3 credits.

8:30 daily. LI 454.

Survey of the basic functions and procedures of school libraries.

MUSIC

MSC. 160.—Music Skills. 3 credits.

7:00 daily. R 201.

Laboratory: 12:00 M W F. R 201.

MSC. 160 and 161 are state certification requirements for teaching in the elementary schools. Designed for the classroom teacher. A study of the fundamentals of music needed by the classroom teacher for teaching music in the elementary school.

MSC. 161.—Music for the Elementary Child. 3 credits.

8:00 daily. R 201.

Laboratory: 1:00 M W F. R 201.

Designed for the classroom teacher. This course presents the study of principles, problems, and procedures relative to the teaching of music in the elementary grades.

MSC. 363.—Projects and Problems in Music Education. 3 credits.

10:00 daily. R 103. SCHMIDT, D. T.

Laboratory: 2:00 M W F. R 201.

This course is designed primarily for the advanced student who wishes some help in the problems of teaching music in an individual situation.

MSC. 364.—Projects and Problems in Music Education. 3 credits.
10:00 daily. R 103. SCHMIDT, D. T.
Laboratory: 2:00 M W F. R 201.

This course is designed primarily for the advanced student who wishes some help in the problems of teaching music in an individual situation.

PHYSICAL EDUCATION, HEALTH AND ATHLETICS

PHA. 315.—Applied Anatomy and Physiology. 3 credits. Prerequisite: C-6.
2:00-4:00 M T W Th F. FG 210. STATON, W. M.

For students planning to teach in the area of physical education or health education. Basic understandings with respect to the structure and function of the skeletal, muscular, nervous, respiratory, digestive, reproductive, endocrine, excretory and circulatory systems; and their application to the fields of physical education and health education.

PHA. 325.—The Conduct of Playgrounds and Indoor Centers. 3 credits.
8:00-10:00 M T W Th F. FG 210. BOSWELL, J. H.

For community recreation workers, school personnel and volunteers interested in the operation of playground and indoor center programs. Physical facilities, layout and equipment, personnel, activities, program planning and problems of operation and administration.

PHA. 371.—Methods and Materials in the Teaching of Rhythmical Activities. 3 credits. Prerequisite: PHA. 171, 271. Open only to women.
2:00 M W F. FG 214. FAULDS, B. B.
Laboratory: 8:00-10:00 daily. FG 214.

Methods and materials in teaching rhythmic fundamentals, modern, folk, tap, American country, and social dance at the secondary school and college levels.

PHA. 373.—Teaching Physical Education in the Elementary School. 3 credits.
Section 3. 2:00 M W F. FG 222. HORTON, S.
Laboratory: 10:00-12:00 daily. FG 222.

The program of physical education activities for the elementary school including small group play, large group play, directed play, rhythmic activities and team games, together with methods and procedures for conducting such a program.

PHA. 421.—Driver Education and Traffic Safety. 3 credits. Prerequisite: Limited to senior and graduate students who hold a valid driver's license.
12:00-2:00 M T W Th F. FG 224.

Prepares teachers to conduct Driver Education and Training courses on the secondary school level. Methods and materials concerned with the psychophysical limitations of drivers, driving practices, automobile construction, manipulation and maintenance, pedestrian protection, road training, and skill tests.

GRADUATE COURSES

PHA. 505.—Research Methods in Physical Education, Health Education and Recreation. 3 credits.
8:00-10:00 M T W Th F. FG 208. WAGLOW, I. F.

Elements and techniques of research and their application to problems in the fields of physical education, health education and recreation. The identification of the various research methods, familiarization with outstanding and significant research reports, evaluation of published research. Investigations in the physiology of exercise, kinesiology, anthropometry, body mechanics, strength, endurance, and motor skills.

PHA. 515.—Supervision of Physical Education. 3 credits.
10:00-12:00 M T W Th F. FG 208. CRAWFORD, W. H.

For those now employed or planning to become supervisors of state, county or city programs of physical education. Observational techniques, the evaluation and improvement of programs and teaching, standards for judging instruction, types of conferences, principles of curriculum construction, and administrative relationships.

PHA. 520.—Problems in the Administration of Athletics. 3 credits.

10:00-12:00 M T W Th F. FG 210. CHERRY, H. S.

Problems of administering the interscholastic athletic program. The place of athletics in education; various methods of organizing the programs; establishment of policies relating to staff, budget, equipment, facilities, program, awards, public relations, membership in conferences, and legal liability. The intramural athletic program.

PHA. 533.—Problems in Physical Education. 3 credits.

12:00-2:00 M T W Th F. FG 208. SALT, E. B.

Contemporary problems in physical education designed to broaden the student's understanding of principles and current practices as they relate to school programs in this field. Through a comprehensive study of current literature, the student will be given an opportunity to examine the effect of recent educational trends upon physical education.

POLITICAL SCIENCE

PCL. 301.—American Government and Politics. 3 credits. The first half of the course PCL. 301-302.

Section 2. 8:00-10:00 M T W Th F. PE 201. DOHERTY, H. J.

A study of the structure and function of the federal government.

PCL. 309.—International Relations. 3 credits. The first half of the course PCL. 309-310.

Section 2. 10:00-12:00 M T W Th F. PE 201. DOTY, F. A.

The nature of international relations, nationalism, imperialism, militarism, armaments; history of international relations; foreign policies; function and problems of democracy; international organization; the League of Nations and the World Court.

SCHEDULE OF COURSES

SUMMER SESSION 1951

JUNE 18 TO AUGUST 18

MINIMUM SIZE OF CLASSES

No undergraduate class or section will be continued or offered if, at the end of the regular registration period, prior to the day classes begin for a term or semester, the registration does not meet the following minimum requirements.

For Freshmen and Sophomore classes or sections (the comprehensive courses and courses numbered in the 100's and 200's) the minimum is 12 registrations.

For Junior classes or sections (courses numbered in the 300's) the minimum is 8 registrations.

For Senior classes or sections (courses numbered in the 400's) the minimum is 6 registrations.

ABBREVIATIONS

The following abbreviations have been used to designate buildings:

A	BUILDING A (Accounting)
AD	ADMINISTRATION BUILDING
AN	ANDERSON HALL
AU	AUDITORIUM
B	BUILDING B
BA	BENTON ANNEX
BN	BENTON HALL
C	BUILDING C (Art)
CR	CANCER RESEARCH LABORATORY
DL	DAIRY LABORATORY
E	BUILDING E
EI	ENGINEERING AND INDUSTRIES BUILDING
F	BUILDING F
FG	FLORIDA GYMNASIUM
FL	FLOYD HALL
FM	FARM MACHINE LABORATORY
GH	GREENHOUSE
HT	HORTICULTURE BUILDING
I	BUILDING I (Classrooms)
K	BUILDING K (Classrooms)
LE	LEIGH HALL
LI	LIBRARY
LW	LAW BUILDING
MI	MILITARY BUILDING
N	BUILDING N (Engineering Classrooms and Laboratories)
NE	NEWELL HALL
NL	NUTRITION LABORATORY
OD	OFFICE D
OE	OFFICE E
OF	OFFICE F
PE	PEABODY HALL
PO	POULTRY LABORATORY
R	BUILDING R (Music)
RE	REED LABORATORY
SC	SCIENCE HALL
SE	SEAGLE BUILDING
SL	SANITARY LABORATORY
U	BUILDING U (Architecture and Art)
UA	UNION ANNEX
VL	VEGETABLE PROCESSING LABORATORY
WA	WALKER HALL
WG	WOMEN'S GYM
WO	WOOD PRODUCTS LABORATORY
YN	YONGE BUILDING

COMPREHENSIVE COURSES

C-11.—American Institutions. 4 credits.

(Register for the Lecture Section and one Discussion Section.)

Lecture Section 11: 2:00 M W AU

Discussion Sections:

Section 101	7:00 daily	PE 208
Section 102	8:00 daily	PE 208
Section 103	9:00 daily	PE 208
Section 104	10:00 daily	PE 208
Section 105	10:00 daily	PE 209

C-12.—American Institutions. 4 credits.

(Register for the Lecture Section and one Discussion Section.)

Lecture Section 21: 2:00 T Th AU

Discussion Sections:

Section 201	7:00 daily	PE 209
Section 202	8:00 daily	PE 209
Section 203	9:00 daily	PE 209
Section 204	11:00 daily	PE 209

C-11-12: Designed to develop and stimulate the ability to interpret the interrelated problems of the modern social world. The unequal rates of change in economic life, in government, in education, in science, and in religion are analyzed and interpreted to show the need for a more effective coordination of the factors of our evolving social organization of today. Careful scrutiny is made of the changing functions of social organizations as joint interdependent activities so that a consciousness of the significant relationships between the individual and social institutions may be developed, from which consciousness a greater degree of social adjustment may be achieved.

C-21.—The Physical Sciences. 3 credits.

(Register for one Lecture Section and one Discussion Section.)

Lecture Section 11: 2:00 M BN 203

Lecture Section 12: 2:00 T BN 203

Discussion Sections:

Section 101	7:00 daily	BN 205
Section 102	8:00 daily	BN 205
Section 103	9:00 daily	BN 205
Section 104	10:00 daily	BN 205
Section 105	11:00 daily	BN 205

C-22.—The Physical Sciences. 3 credits.

(Register for one section.)

Section 201	7:00 daily	BN 203
Section 202	8:00 daily	BN 203
Section 203	9:00 daily	BN 201
Section 204	10:00 daily	BN 201
Section 205	11:00 daily	BN 201

C-21-22: An attempt to survey the phenomena of the physical universe with particular reference to man's immediate environment; to show how these phenomena are investigated; to explain the more important principles and relations which have been found to aid in the understanding of them; and to review the present status of man's dependence upon the ability to utilize physical materials, forces, and relations. The concepts are taken mainly from the fields of physics, chemistry, astronomy, geology, and geography, and they are so integrated as to demonstrate their essential unity. The practical and cultural significance of the physical sciences is emphasized.

C-31.—Reading, Speaking and Writing (Freshman English). 4 credits.

(Register for the Lecture Section, one Discussion Section, and one Laboratory Section.)

Lecture Section 11: 1:00 M AU

Discussion Sections:

Section 101	7:00 M T Th F S	AN 307
Section 102	9:00 M T Th F S	AN 307
Section 103	11:00 M T Th F S	AN 307
Section 104	7:00 M T Th F S	AN 311
Section 105	9:00 M T Th F S	AN 311
Section 106	11:00 M T Th F S	AN 311

Writing Laboratory Sections:

Section 301	1:00-3:00 T F	AN 203
Section 302	1:00-3:00 T F	AN 209
Section 303	3:00-5:00 T F	AN 203
Section 304	3:00-5:00 T F	AN 209

C-32.—Reading, Speaking, and Writing (Freshman English). 4 credits.

(Register for the Lecture Section, one Discussion Section, and one Laboratory Section.)

Lecture Section 21: 1:00 T AU

Discussion Sections:

Section 201	8:00 M T Th F S	AN 307
Section 202	10:00 M T Th F S	AN 307
Section 203	12:00 M T Th F S	AN 307
Section 204	8:00 M T Th F S	AN 311
Section 205	10:00 M T Th F S	AN 311
Section 206	12:00 M T Th F S	AN 311

Writing Laboratory Sections:

Section 401	1:00-3:00 M Th	AN 203
Section 402	1:00-3:00 M Th	AN 209
Section 403	3:00-5:00 M Th	AN 203
Section 404	3:00-5:00 M Th	AN 209

C-31-32: Reading, Speaking, and Writing. Designed to furnish the training in reading, speaking, and writing necessary for the student's work in college and for his life thereafter. This training will be provided through practice and counsel in oral reading, in silent reading, in logical thinking, in fundamentals of form and style, in extension of vocabulary and in control of the body and voice in speaking. Students will be encouraged to read widely as a means of broadening their interests and increasing their appreciation of literature.

C-41—Practical Logic. 3 credits.

(Register for one section only.)

Section 1	8:00 daily	AD 208
Section 2	9:00 daily	AD 208
Section 3	10:00 daily	AD 208

Both in private life and in vocational life man is faced with the necessity of thinking. In this course an attempt is made to stimulate the student (1) to develop his ability to think with greater accuracy and thoroughness, (2) to be able to use objective standards necessary in critically evaluating his own thinking process and product as well as the conclusions reached by others, and (3) to record both process and product of thinking in effective language. The material used applies to actual living and working conditions. The case method is to insure practice, many illustrations are given, and numerous exercises are assigned.

C-42.—Fundamental Mathematics. 3 credits.

Section 1	7:00 daily	PE	4
Section 2	8:00 daily	PE	102
Section 3	9:00 daily	PE	4
Section 4	10:00 daily	PE	4
Section 5	11:00 daily	PE	4

A beginning course covering the development of the number system, computation with approximated and exact numbers, algebra as a generalization of arithmetic, practical geometry, functional relationships, logarithms and the simple trigonometry of the triangle, simple and compound interest, and annuities. Not open to students who have completed Basic Mathematics.

C-51.—The Humanities. 4 credits.

(Register for the Lecture Section and one Discussion Section.)

Lecture Section 11: 1:00 M W R 122 STAFF

Discussion Sections:

Section 101	7:00 daily	AN 112
Section 102	8:00 daily	AN 112
Section 103	9:00 daily	AN 112
Section 104	10:00 daily	AN 112
Section 105	11:00 daily	AN 112
Section 106	12:00 daily	AN 112
Section 107	7:00 daily	AN 115
Section 108	8:00 daily	AN 115
Section 109	9:00 daily	AN 115
Section 110	10:00 daily	AN 115
Section 111	11:00 daily	AN 115
Section 112	12:00 daily	AN 115

C-52.—The Humanities. 4 credits.

(Register for the Lecture Section and one Discussion Section.)

Lecture Section 21: 1:00 T Th R 122 STAFF

Discussion Sections:

Section 201	7:00 daily	AN 113
Section 202	8:00 daily	AN 113
Section 203	9:00 daily	AN 113
Section 204	10:00 daily	AN 113
Section 205	11:00 daily	AN 113
Section 206	12:00 daily	AN 113

C-51-52: The Humanities. A course designed to provide an understanding and appreciation of the literature, philosophy, art and music in which the enduring values of human life have found expression. The course deals both with the culture of our own day and with our cultural heritage. Its larger purpose is to enable the student to develop a mature sense of values, an enlarged appreciation and a philosophy of life adequate for the needs of our age.

C-61.—Biological Sciences. 3 credits.

(Register for one Lecture Section and one Discussion Section.)

Lecture Section 11: 4:00 T LE 207

Lecture Section 12: 2:00 M LE 207

Discussion Sections:

Section 101	7:00 M T W Th F	I 101
Section 102	8:00 M T W Th F	I 101
Section 103	9:00 M T W Th F	I 101
Section 104	10:00 M T W Th F	I 101
Section 105	11:00 M T W Th F	I 101
Section 106	7:00 M T W Th F	I 107

Section 107	8:00	M T W Th F	I 107
Section 108	9:00	M T W Th F	I 107
Section 109	10:00	M T W Th F	I 107
Section 110	11:00	M T W Th F	I 107

C-62.—Biological Sciences. 3 credits.

(Register for one Lecture Section and one Discussion Section.)

Lecture Section 21:	4:00 M	LE 207
Lecture Section 22:	2:00 T	LE 207

Discussion Sections:

Section 201	8:00	M T W Th F	I 109
Section 202	9:00	M T W Th F	I 109
Section 203	10:00	M T W Th F	I 109
Section 204	11:00	M T W Th F	I 109

C-61-62: In C-61 a biological interpretation of the living animal and plant in terms of self-maintenance and reproduction will be considered. In C-62 the important aspects of genetics, evolution, and the social-economic inter-relations of organisms will provide the main sequence and material. The lectures will be devoted to a consideration of biological topics and contributions of current, social, political or ideological interest.

DEPARTMENTAL COURSES

ACCOUNTING

ATG. 211.—Elementary Accounting. 3 credits. The first half of the course ATG. 211-212.

(Register for one section only.)

Section 1	7:00 daily	A-1	SCOTT, N. H.
Section 2	9:00 daily	A-1	TORNWALL, G. E., JR.
Section 3	10:00 daily	A-1	TORNWALL, G. E., JR.
Section 4	11:00 daily	A-1	FORTIN, G. E.

Designed to provide the basic training in business practice and in accounting. A study of business papers and records; recording transactions; preparation of financial statements and reports. Prerequisites for advanced standing in Economics and Business Administration.

ATG. 212.—Elementary Accounting. 3 credits. The second half of the course ATG. 211-212.

(Register for one section only.)

Section 1	8:00 daily	A-2	SUMMERHILL, G. W.
Section 2	9:00 daily	A-2	CODDING, J. L.
Section 3	10:00 daily	A-2	ANDERSON, C. A.

ATG. 311.—Accounting Principles. 3 credits. Prerequisite: ATG. 211-212.

7:00 daily. A-4. RAY, D. D.

The mechanical and statistical aspects of accounting; books of record; accounts; fiscal period and adjustments; working papers; form and preparation of financial statements; followed by an intensive and critical study of the problems of valuation as they affect the preparation of the balance sheet and income statements.

ATG. 312.—Accounting Principles. 3 credits. Prerequisite: ATG. 311.

9:00 daily. A-4. RAY, D. D.

Consideration is given to the legal aspects of accounting and related problems resulting from the legal organization form used by businesses; liabilities; proprietorship; partnership; corporations; capital stock; surplus; followed by a study of the financial aspects of accounting as disclosed by an analysis and interpretation of financial statements; financial ratios and standards, their preparation, meaning and use.

ATG. 313.—Cost Accounting. 3 credits. Prerequisite: ATG. 311.

8:00 daily. A-4. CODDING, J. L.

The methods of collection, classification, and interpretation of cost data; special problems, standard costs, cost systems, uses of cost data in business control. Lectures and problems.

ATG. 411.—Advanced Accounting. Problems. 3 credits. Prerequisite: ATG. 312.

11:00 daily. A-4. PARKER, W. D.

Specialized accounting problems; partnerships; statement of affairs; consignments; installments; ventures; insurance; and other related subjects.

ATG. 412.—Principles of Auditing. 3 credits. Prerequisite: ATG. 312.

10:00 daily. A-3. SUMMERHILL, G. W.

Auditing theory and current auditing practice; principal kinds of audits and services of the public accountant; professional and ethical aspects of auditing. Lectures, discussions, and problems.

ATG. 414.—Income Tax Procedure. 3 credits. Prerequisite: ATG. 311.

8:00 daily. A-3. PARKER, W. D.

The Federal Income Tax Law and Regulations, and related accounting problems; preparation of tax returns for individuals, corporations and fiduciaries. Practice is provided in the use of the loose-leaf income tax services.

ATG. 417.—Governmental Accounting. 3 credits. Prerequisite: ATG. 212.

10:00 daily. A-4. SCOTT, N. H.

The basic principles underlying governmental and institutional accounting. Detailed consideration is given to the operation of recommended types of funds, the budget process, account structure, tax accounting for cities, and the utilization of accounting in the preparation of significant reports.

ATG. 418.—Advanced Accounting. C.P.A. Problems. 3 credits. Prerequisite: ATG. 312.

7:00 daily. A-3. MATTHIES, W. R.

A continuation of specialized accounting problems; receiverships; foreign exchange; stock brokerage; estates and trusts; budgets; business taxes; consolidations and mergers; and other problems usually covered in the C.P.A. exmaination.

GRADUATE COURSES

ATG. 512.—Public Accounting: Problems and Reports. 3 credits. Prerequisite: ATG. 412.

9:00 daily. A-3. MATTHIES, W. R.

Some of the leading problems in the field of public accounting, including the services offered, the need for and the manner of regulation of the profession, requirements for success in the profession, liabilities of public accountants, criteria for evaluating auditing standards, and the formulation of audit reports. Use is made of selected case studies. Consideration is also given to the relation of public accounting to other professions, and attention is directed to the bibliography of the field.

ATG.—513.—Cost and Budgeting Accounting. 3 credits. Prerequisites: ATG. 313, ATG. 411, and ATG. 412.

8:00 daily. A-1. DaVAULT, J. W.

An analysis of complex cost problems, managerial use of cost reports in management and budget preparation, as well as the design and installation of cost systems.

AGRICULTURAL CHEMISTRY

ACY. 125.—Agricultural Chemistry. 4 credits. The first half of the course ACY. 125-126.

(Register for the Lecture (Section 1), and one Discussion (Section 11 or 12).)

Section 1. 10:00 M W F S. LE 207. THOMAS, G. A.
10:00-12:00 T Th. LE 207.

Section 11. 11:00 M F. LE 142.

Section 12. 11:00 W S. LE 142.

Selected fundamentals of inorganic chemistry designed primarily for agricultural students. Suitable also for the general student who wishes a non-laboratory course in chemistry.

ACY. 126.—Agricultural Chemistry. 4 credits. The last half of the course ACY. 125-126.

9:00 M W F S. LE 154.

8:00 to 10:00 T Th. LE 207.

8:00 M F. LE 154.

(For graduate courses in Biochemistry see Chemistry.)

AGRICULTURAL ECONOMICS

AS. 304.—Farm Finance and Appraisal. 3 credits.

8:00 daily. HT 410. GREENE, R. E. L.

Problems peculiar to financing farmers and farmers' associations. Special attention is given to the Farm Credit Administration. One field trip is required.

AS. 306.—Farm Management. 3 credits.

10:00 daily. HT 410. GREENE, R. E. L.

The factors of production; types of farming and their distribution; factors affecting profits in farming; problems of labor, machinery, layout of farms, and farm reorganization.

AS. 308.—Marketing. 3 credits.

9:00 daily. HT 410.

Principles of marketing agricultural commodities; commodity exchanges and future trading; auction companies; market finance; market news; marketing of important agricultural commodities.

AS. 413.—Agricultural Policy. 3 credits.

11:00 daily. HT 410.

A history of farmer attempts and accomplishments through organization and legislation to improve the economic and social status of agriculture. Evaluation of present legislative programs and policies affecting the farmer.

GRADUATE COURSES

AS. 505.—Research Problems in Farm Management.

To arrange.

AS. 511.—Research Problems in Marketing Agricultural Products.

To arrange.

AGRICULTURAL ENGINEERING

AG. 301.—Drainage and Irrigation. 3 credits.

9:00 M T W Th. FL 210, CHOATE, R. E.

Laboratory: 1:00 to 3:00 T Th. FM.

The drainage and irrigation of lands with treatment of the necessity for such in the production of field, fruit, and vegetable crops. The cost, design, operation and upkeep of drainage and irrigation systems. Field work in laying out systems.

AG. 302.—Farm Motors. 3 credits.

7:00 M T W Th. FL 210. CHOATE, R. E.

Laboratory: 1:00 to 3:00 M F. FM.

The general principles of operation of the various sources of farm power. The care, operation, and repair of electric motors, internal combustion engines (including automobile, stationary gasoline engines, truck and tractor), and windmills.

AG. 303.—Farm Shop. 3 credits.

11:00 M T W Th. FL 210.

Laboratory: 1:00 to 3:00 W. FM.
3:00 to 5:00 F. FM.

The farm shop jobs that are common to the farms of Florida. Carpentry, concrete construction, light forging, soldering, tool care and repair are some of the jobs given special emphasis. Laboratory work includes actual shop practice.

AG. 306.—Farm Machinery. 3 credits.

8:00 M T W Th. FL 210. SKINNER, T. C.

Laboratory: 3:00 to 5:00 M W. FM.

The operation, care, and repair of farm implements designed to give the students a fundamental knowledge of the various machines commonly used on the farm.

AG. 401.—Farm Structures. 3 credits.

10:00 M T W Th. FL 210. SKINNER, T. C.

Laboratory: 3:00 to 5:00 T Th. FM.

A study of the functional requirements, design, cost, construction, and the structural analysis of farm buildings with some training in the preparation of blueprints.

AG. 407.—Farm Shop Power Equipment. 3 credits.

8:00 M F. FL 102.

Laboratory: 3:00 to 5:00 M W. FM.
8:00 to 12:00 F. FM.

The care, operation and repair of both metal and woodworking power shop equipment used in the construction and repair of farm buildings and equipment.

GRADUATE COURSE

AG. 570.—Problems in Agricultural Engineering. 3 to 6 credits.*

To arrange. STAFF.

Special problems in agricultural engineering.

AGRICULTURAL EXTENSION

GRADUATE COURSE

AXT. 521.—Special Problems in Agricultural Extension Methods. 3 to 9 credits.*

To arrange. HAMPSON, C. M.

Library and workshop relating to agricultural extension methods. Research work is studied, publications reviewed, written reports developed.

AGRONOMY

AY. 321.—General Field Crops. 3 credits.

11:00 M T W Th F. FL 302. RODGERS.

Laboratory: 1:00 to 3:00 W. FL 302. RODGERS.

Grain, fiber, sugar, peanut, tobacco, forage and miscellaneous field crops, with special emphasis on varieties and practices recommended for southern United States.

AY. 329.—Genetics. 3 credits.

9:00 M T W Th F S. FL 302. HANSON.

The fundamentals of inheritance, emphasizing the application of genetics and its associated branches of science in the improvement of economic plants and animals and in programs for human betterment.

---

* Credits assigned must be shown on registration card.

AY. 426.—Individual Problems in Agronomy. Variable credits.
To arrange. FL 302. STAFF.
Individual problems selected from the fields of crop production, genetics, or plant breeding.

AY. 436.—Pastures. 2 credits. Prerequisite: AY 321 or AY. 324.
8:00 M W. FL 302. McCLOUD.
Laboratory: 3:00 to 5:00 M W. FL 302. McCLOUD.
The development and management of grazing areas of southeastern United States, with particular reference to Florida conditions.

GRADUATE COURSES

AY. 526.—Special Agronomic Problems. Variable credits.
To arrange. FL 302. STAFF.
Library, laboratory, or field studies relating to crop production and improvement. Experiments are studied, publications reviewed and written reports developed.

AY. 570.—Research in Agronomy. Variable credits.
To arrange. FL 302. STAFF.
Original work on definite problems in field crops, ecology, or plant breeding.

ANIMAL HUSBANDRY

AL. 309.—General Animal Husbandry. 3 credits.
7:00 daily. FL 104. PACE, J. E.
Types and breeds of farm animals; principles of breeding, selection and management.

AL. 311.—Elementary Nutrition. 4 credits.
8:00 daily. FL 104. WALLACE, H. D.
Laboratory: 3:00 to 5:00 M W. FL 104.
Elements and compounds; metabolic processes in animal nutrition; biological assays.

AL. 314.—Livestock Judging. 3 credits.
8:00 T Th. FL 102. PACE, J. E.
Laboratory: 3:00 to 5:00 M T W F. FL 102.
Special training in livestock judging; show ring methods; contests at fairs.

AL. 413.—Swine Production. 3 credits.
10:00 M T W F. FL 104. FOLKS, S. J.
Laboratory: 3:00 to 5:00 T Th. FL 104.
Selection, feeding and management of hogs; forage crops and grazing; diseases and parasite control.

GRADUATE COURSES

AL 501.—Advanced Animal Production. Variable credit.
Section 1. To arrange. GLASSCOCK, R. S., CUNHA, T. J., and PEARSON, A. M.
Reviews and discussions in the latest developments in the fields of animal production, nutrition and genetics.

AL. 509.—Problems in Animal Nutrition. 1 to 4 credits.
To arrange. DAVIS, G. K., and WALLACE, H. D.
Problems in Animal Nutrition.

AL. 570.—Research in Animal Husbandry. 1 to 6 credits.
To arrange. CUNHA, T. J., GLASSCOCK, R. S., and PEARSON, A. M.
Experimental problem and thesis in various phases of animal husbandry.

ANTHROPOLOGY

APY. 400.—Field Session in Archeology. 6 credits.
8:00-11:00 daily. PE 312. GOGGIN, J. M.

Excavation of archeological sites, recording of data, laboratory handling and analysis of specimens, and study of the theoretical culture principles which underlie field methods and artifact analysis. Two hours of lectures and discussions, four hours of supervised laboratory and field work.

APY. 430.—Individual Work. 3 credits.
To arrange. GOGGIN, J. M.

ARCHITECTURE

AE. 101.—The Arts of Design. 3 credits.
10:00 daily. U 103.

A survey to provide an insight into the several fields of design, and a basis for the selection of a career in the arts of design. A study of social and economic influences and the universal principles in the visual arts.

AE. 102.—Vision and Graphics. 3 credits.
1:00-4:30 M T W Th F. U 107.

The elements of visual design, each examined in the light of principles. An elementary and analytical course in observation, and the representation of three dimensional objects in two dimensions.

AE. 203.—Basic Design. 3 credits.
9:00-12:00 daily. U 108.

The basic influence which natural and social environment, materials, and psychological and physical functions exerted in man's development of shelter.

AE. 204.—Organic Planning. 3 credits.
1:00-4:30 M T W Th F. U 109.

Projects in design. Analysis and synthesis; methodology of planning. Elementary exercises in the integration of all design considerations. Symbols and techniques of representation.

AE. 205.—Building Technology. 4 credits. First half of the course AE. 205-206.
7:00-9:00 daily. U 107.

The functional and structural approach to the design and construction of buildings. This course includes the elements of structures, the nature of building materials, loads and forces, service elements and surveying.

AE. 206.—Building Technology. 4 credits. Second half of the course AE. 205-206.
Prerequisite: AE. 205, C-42 or MS. 325 and prerequisite or corequisite C-22.
7:00-9:00 daily. U 109.

The frames of structures, the loads on building frames, the mechanics of building loads, elements of heating, wiring and plumbing, and the responsibilities of architects and builders.

UPPER DIVISION COURSES*

AE. 301-302-303-304-305.—Projects in Architecture, Group 1. 3 credits each; —group total, 15 credits. Maximum Summer Session load: 9 credits. Prerequisite: Completion of Lower Division program in Architecture or equivalent.
Hours to arrange. E 189.

AE. 306-307-308-309-310.—Projects in Architecture, Group 2. 3 credits each; —group total, 15 credits. Maximum Summer Session load: 9 credits. Prerequisite: The series AE. 301-302-303-304-305.
Hours to arrange. E 179.

---

* For detailed course description refer to the University *Catalog*.

AE. 401-402-403-404-405.—Projects in Architecture, Group 3. 3 credits each; —group total, 15 credits. Maximum Summer Session load: 9 credits. Prerequisite: The series AE. 306-307-308-309-310.

Hours to arrange. E 116.

AE. 406-407-408-409-410.—Projects in Architecture, Group 4. 3 credits each; —group total, 15 credits. Maximum Summer Session load: 9 credits. Prerequisite: The series AE. 401-402-403-404-405.

Hours to arrange. E 126.

AE. 441-442-443-444-445.—Projects in Architecture, Group 5. 3 credits each; —group total, 15 credits. Maximum Summer Session load: 9 credits. Prerequisite: The series AE. 406-407-408-409-410.

Hours to arrange. E 157.

AE. 446-447-448-449-450.—Thesis in Architecture. 3 credits each;—group total, 15 credits. Maximum Summer Session load: 9 credits. Prerequisite: The series AE. 441-442-443-444-445.

Hours to arrange. E 164.

AE. 456-457-458-459-460.—Thesis in Planning. 3 credits each;—group total, 15 credits. Maximum Summer Session load: 9 credits. Prerequisite: Permission of the Faculty.

Hours to arrange. E 164.

GRADUATE COURSES

AE. 501.—Architectural Design. Variable credit. The first half of the course AE. 501-502. Prerequisite: Bachelor's degree in Architecture.

Hours to arrange. E 161.

Research on a special phase of architectural design, selected by the student with the approval of the Faculty.

AE. 502.—Architectural Design. Variable credit. The second half of the course AE. 501-502.

Hours to arrange.

AE. 503.—Architectural Research. Variable credit. The first half of the course AE. 503-504. Prerequisite: Bachelor's degree in Architecture.

Hours to arrange. E 161.

Detailed investigation of a selected problem for the purpose of providing insight and understanding in some field of fundamental importance in architecture.

AE. 504.—Architectural Research. Variable credit. The second half of the course AE. 503-504.

Hours to arrange. E 161.

AE. 505.—Community Planning. Variable credit. The first half of the course AE. 505-506. Prerequisites: Bachelor's degree in Architecture, AE. 457 or equivalent, and permission of the Faculty.

Hours to arrange. E 161.

The analysis and solution of an advanced problem in community planning, selected by the student with the approval of the Faculty.

AE. 506.—Community Planning. Variable credit. The second half of the course AE. 505-506.

Hours to arrange. E 161.

AE. 551.—Building Construction. Variable credit. The first half of the course AE. 551-552. Prerequisites: Bachelor's degree in Architecture or in Building Construction.

Hours to arrange. E 161.

Advanced study of a problem in materials or methods of building construction selected by the student with the approval of the Faculty.

AE. 552.—Building Construction. Variable credit. The second half of the course AE. 551-552.

Hours to arrange. E 161.

AE. 553.—Structural Design of Buildings. Variable credit. The first half of the course AE. 553-554. Prerequisite: Bachelor's degree in Architecture or in Building Construction.

Hours to arrange. E 161.

Advanced study of a problem in the structural design of buildings, selected by the student with the approval of the Faculty.

AE. 554.—Structural Design of Buildings. Variable credit. The second half of the course AE. 553-554.

Hours to arrange. E 161.

ART

ART 121.—The Visual Arts. 3 credits.

Lectures: 10:00 M Th. U 103.
Discussion Group: 10:00 T W F S. E 176.

Introduction to the interrelationship of the visual arts; i.e., painting, sculpture, commercial art, architecture, etc.

ART 122.—Materials and Spatial Design. 3 credits.

10:00-12:00 daily. C 103.

Organization of three dimensional forms. Projects in construction, modeling, and carving.

ART 223.—Color and Design. 3 credits.

9:00-11:00 daily. C 100.

Organization of basic visual elements—line, tone, form, color, and texture.

ART 225.—Scientific Contributions to Art. 3 credits.

9:00-11:00 daily. C 100.

Problems and discussions relative to perspective, color, illumination, media, etc.

ART 226.—Pictorial Composition. 3 credits.

9:00-11:00 daily. C 105.

Pictorial composition using the oil medium, employing elements studied in Art 122 and Art 223.

UPPER DIVISION COURSES*

ART 301.—Design I. 3 credits.

9:00 daily. C 101.

6 hours to arrange.

Watercolor techniques in a study of color, line, and design.

ART 302.—Design II. 3 credits.

9:00 daily. C 101.

6 hours to arrange.

Techniques and media. Organization in oil paint, encaustic, and egg tempera.

* For detailed course description refer to the University *Catalog*.

ART 394.—Modern Man and His Art. 3 credits.

9:00 daily. E 176.

Orientation to contemporary art. An interpretation and explanation of the practical and philosophic significance of the twentieth century art forms.

ART 403.—Design III. 3 credits.

9:00 daily. C 101.

6 hours to arrange.

Advanced problems in design through abstract and representational interpretations.

ART 404.—Design IV. 3 credits.

9:00 daily. C 101.

6 hours to arrange.

Emotional qualities, organization of idea, and communication through visual elements will be emphasized.

ART 494—Modern Art. 3 credits.

Lectures: 8:00 M T W Th. E 176.

Laboratory: 8:00-9:00 F S. C 103.

2 hours to arrange.

The history of art from 1850 and the development of art leading to movements such as fauvism, cubism, futurism, expressionism, etc. Emphasis devoted to French and American art.

GRADUATE COURSES*

ART 503.—Art Problems. Variable credit. The first half of the course ART 503-504.

Hours to arrange. C 105.

A series of projects relating to a field of specialization. The areas from which selection can be made are painting, crafts and advertising design.

ART 504.—Art Problems. Variable credit. The second half of the course ART 503-504.

Hours to arrange. C 105.

ART 505.—Art Research. Variable credit. The first half of the course ART 505-506.

Hours to arrange. C 105.

Research in native materials or native art forms or a study of technical processes or the like.

ART 506.—Art Research. Variable credit. The second half of the course ART 505-506.

Hours to arrange. C 105.

ASTRONOMY

ATY. 141.—Descriptive Astronomy. 3 credits. Not open to students who have had any other astronomy course.

8:00 daily. PE 10.

Concepts useful for the appreciation of the universe about us. Telling time by the stars; getting acquainted with constellations; variable and double stars; planets and meteors. Selected experiments with occasional observation periods.

---

* For detailed course description refer to the University *Catalog*.

BACTERIOLOGY

BCY. 301.—General Bacteriology. 4 credits.

(Register for the lecture and one laboratory section.)

Lecture: 8:00 M T W Th F. PE 205. CARROLL, W. R.

Laboratory Section 11: 9:00-11:00 M W F. SC 104. CARROLL, W. R.

Laboratory Section 12: 1:00-3:00 T Th F. SC 104. CARROLL, W. R.

Morphology, physiology, and cultivation of bacteria and related microorganisms. Frobisher, Fundamentals of Bacteriology. 4th Ed.

BCY. 302.—Agricultural Bacteriology. 4 credits.

Lecture: 9:00 M T W Th. SC 111. NOVAK, A. F.

Laboratory: 1:00-3:00 M T Th F. SC 10. NOVAK, A. F.

Bacteria and associated microorganisms in relation to water, milk, silage and farm problems.

GRADUATE COURSES

BCY. 500.—Advanced Bacteriology. Variable credit.* (6 hours laboratory for 1 semester credit.)

To arrange.

Problems in Pathogenic, Dairy, Sanitary, Industrial, Food Bacteriology.

BCY. 570.—Research in Bacteriology. Variable credit.* (6 hours work per week required for each credit.) Prerequisite: BCY. 500.

A study of methods and their application in research problems in different fields of Bacteriology. Required of graduate majors.

Bacteriology courses in the 600 group are taught in the Laboratories of State Board of Health, Jacksonville, and are open only to qualified Board of Health workers approved by the staff of the State Board of Health. Such persons must meet regular admission requirements and follow same registration procedures as resident students.

BCY. 600.—Infectious Diseases. 1 to 6 credits.*

To arrange. Jacksonville. HARDY.

Publ'c health aspects of bacteriology and parasitology. Treats of etiology, epidemiology, laboratory diagnosis of all of the important diseases.

BCY. 610.—Immunology, Advanced. Variable credit.*

To arrange. Jacksonville. GALTON.

Principles of immunology and serology as applied to the prevention of diseases and public health.

BCY. 620.—Laboratory Administration. Variable credit.*

To arrange. Jacksonville. HARDY.

Methods employed In managing or directing a bureau of laboratories or a division thereof.

BCY. 690.—Research. Variable credit.*

To arrange. Jacksonville. GALTON.

Recent advances in the field of public health investigation.

BIOLOGY

BLY. 133.—Common Animals and Plants of Florida. 3 credits.

Register for the Lecture (Section 1) and one Laboratory (Section 11 or 12).

---

* Credit assigned must be shown on registration card.

Lecture Section 1. 10:00 M T W Th. K 107.

Laboratory Section 11: 1:00 to 3:00 M W.

Laboratory Section 12: 1:00 to 3:00 T Th.

Designed to provide a recognition of, and an acquaintance with some of the more common animals, and plants of Florida. Especially planned to prepare teachers to answer the question, "What animal—or what plant—is that?" Individual work in the field and the making of a personal reference collection of plants and animals is encouraged.

BLY. 134.—The Life of the Inland Waters of Florida. 3 credits.

Register for the Lecture (Section 1) and one Laboratory (Section 11 or 12).

Lecture Section 1. 11:00 M T W Th. K 107.

Laboratory Section 11: 1:00 to 3:00 M W.

Laboratory Section 12: 1:00 to 3:00 T Th.

A companion course to BLY. 133, but concerned with the common plants and animal life of our streams, pools, ponds, lakes and marshes. Particular attention is given to obtaining an acquaintance with those species and groups of organisms that comprise the more important, more conspicuous, and more interesting members of Florida's rich aquatic biota. Laboratory demonstrations, field trips and individual projects will form an important part of this course.

BLY. 161.—Biology Laboratory. 2 credits. Prerequisite or corequisite: C-61. 8:00 to 10:00 M T W Th. J 101.

An introductory laboratory course dealing with cells, the mammalian anatomy, the major groups of plants, methods of reproduction and germ cell formation.

BLY. 162.—Biology Laboratory. 2 credits. Prerequisite or corequisite: C-62. 1:00 to 3:00 M T W Th. J 202.

An introductory laboratory course dealing with genetics, homology, embryology, evolution, taxonomy and ecology.

BLY. 207.—Vertebrate Natural History. 4 credits. Prerequisite: BLY. 161-162.

Lecture: 9:00 M T W Th. K 107.

Laboratory: 1:00 to 4:00 M T W Th.

An introduction to the classification and natural history of the vertebrates.

BLY. 210.—Vertebrate Embryology. 4 credits. Prerequisite: BLY. 209.

Lecture: 1:00 M T W Th. K 107.

Laboratory: 8:00 to 11:00 M T W Th.

BLY. 325.—Genetics and Speciation. 3 credits. Prerequisites: 161-162.

8:00 daily. K 107.

An introduction to the data and methods of genetics with special reference to their bearing on the problems of speciation and organic evolution.

GRADUATE COURSES

BLY. 505.—History of Biology. 2 credits. Prerequisite: An undergraduate major in Biology. Required of all graduate majors in the Department.

11:00 M T Th F.

BLY. 509.—Zoogeography. 2 credits.

10:00 M T Th F.

Zoogeographic divisions of the world and their characteristic animals; factors influencing the distribution of animals; the relation of geographic races to speciation and evolution.

BLY. 543.—Research in Ecology. Hours and credits to be arranged.

BLY. 544.—Research in Fresh Water Biology. Hours and credits to be arranged.

BLY. 545.—Research in Marine Biology. Hours and credits to be arranged.

BLY. 546.—**Research in Zoogeography.** Hours and credits to be arranged.

BLY. 547.—**Research in Game Management.** Hours and credits to be arranged.

BLY. 548.—**Research in Acoelomate Invertebrates.** Hours and credits to be arranged.

BLY. 549.—**Research in Coelomate Invertebrates.** Hours and credits to be arranged.

BLY. 550.—**Research in Parasitology.** Hours and credits to be arranged.

BLY. 552.—**Research in Insect Biology.** Hours and credits to be arranged.

BLY. 553.—**Research in Ichthyology.** Hours and credits to be arranged.

BLY 554.—**Research in Herpetology.** Hours and credits to be arranged.

BLY. 555.—**Research in Ornithology.** Hours and credits to be arranged.

BLY. 557.—**Research in Comparative Anatomy.** Hours and credits to be arranged.

BLY. 558.—**Research in Embryology.** Hours and credits to be arranged.

BLY. 559.—**Research in Experimental Biology.** Hours and credits to be arranged.

BLY. 560.—**Research Cytology.** Hours and credits to be arranged.

BLY. 561.—**Research in Histology.** Hours and credits to be arranged.

BLY. 565.—**Seminar in Cancer Research.** Hours and credits to be arranged.

BLY. 581.—**Cancer Research.** Hours and credits to be arranged.

BOTANY

BTY. 101.—**General Botany.** 3 credits. First half of the course BTY. 101-102. Register for the Lecture (Section 1) and one Laboratory (Section 11 or 12).

Lecture Section 1: 7:00 M T W F. F 101. GRIFFITH, M.

Laboratory Section 11: 1:00 to 3:00 W F. SC 2. STAFF.

Laboratory Section 12: 7:00 to 9:00 Th S. SC 2.

The form, structure, growth, reproduction and function of plants and their various organs; relation of plants to their environment and to each other. Required of students majoring in Botany, Bacteriology and Plant Pathology.

BTY. 211.—**Plant Physiology.** 4 credits. Prerequisites: BTY. 101 or BLY. 161 and ACY. 125-126 or equivalent.

Lecture: 8:00 M W Th F. SC 111. POWELL, R. D.

Laboratory: 1:00 to 3:00 M T Th F. SC 1. POWELL, R. D.

A study of absorption, assimilation, transpiration, respiration, growth, water relations and other functions of plants.

BTY. 401.—**Plant Ecology.** 4 credits. Prerequisites: BTY. 101-102 or their equivalents. Desirable prerequisites: BTY. 211, 306, SLS. 301 or 302, FY. 311.

Lecture: 9:00 T W Th F. SC 111. DAVIS, J. H.

Laboratory and Field: 3:00 to 5:00 W F, 8:00 to 12:00 S. DAVIS, J. H.

Kinds and classification of vegetation, particularly those of Florida and consideration and measurement of climatic, edaphic, physiographic, and biotic factors and of plant successions.

GRADUATE COURSES

BTY. 500.—Advanced Botany. 4 credits.

To arrange. STAFF.

Laboratory and problems in one or more fields of botany, taxonomy, physiology, ecology, plant geography and anatomy, depending on requirements of the minor or major student in botany. Admitted only by approval of head of department and instructor.

BTY. 501.—Vegetation of Florida. 3 credits. Prerequisite: BTY. 401.

To arrange. DAVIS, J. H.

All types of vegetation in Florida in relation to soil, climate, physiographic and geologic conditions—also the uses of various types.

BTY. 570.—Research in Botany. 6 hours of laboratory or field work for each semester hour credit. 1 to 4 credits.*

To arrange. STAFF.

Research in one of the fields of botany.

BUILDING CONSTRUCTION**

BCN. 301-302-303-304.—Projects in Building Construction, Group 1. 3 credits each;—group total, 12 credits. Maximum Summer Session load: 9 credits. Prerequisite: Completion of Lower Division program in Building Construction or equivalent.

Hours to arrange. E 175.

BCN. 311-312-313-314.—Projects in Building Construction, Group 2. 3 credits each;—group total, 12 credits. Maximum Summer Session load: 9 credits. Prerequisite: The series BCN. 301-302-303-304.

Hours to arrange. E 178.

BCN. 401-402-403-404.—Projects in Building Construction, Group 3. 3 credits each;—group total, 12 credits. Maximum Summer Session load: 9 credits. Prerequisite: The series BCN. 311-312-313-314.

Hours to arrange. E 174.

BCN. 411-412-413-414-415.—Projects in Building Construction, Group 4. 3 credits each;—group total, 15 credits. Maximum Summer Session load: 9 credits. Prerequisite: The series BCN. 401-402-403-404.

Hours to arrange. E 188.

BUSINESS EDUCATION

BEN. 81.—Introductory Typewriting. 2 credits.

8:00 daily and 2 hours to arrange. YN 306. BRADDY, V.

Skill in typewriting developed through practice on personal and business problems.

BEN. 91.—Introductory Shorthand. 3 credits.

11:00 daily and 2 hours to arrange. YN 306. MAXWELL, H. C.

The theory of Gregg shorthand is completed, using the functional method.

BEN. 181.—Advanced Typewriting. 2 credits. Prerequisite: BEN. 81 or permission of instructor.

10:00 daily and 2 hours to arrange. YN 306. MAXWELL, H. C.

Provides more intensive training in typewriting.

---

* Credit assigned must be shown on registration blank.
** For detailed course description refer to the University *Catalog*.

BEN. 191.—Shorthand Dictation. 3 credits. Prerequisite: BEN. 81 and 91, or permission of instructor.

9:00 daily and 2 hours to arrange. YN 306. MAXWELL, H. C.

Dictation developed, with emphasis on speed, accuracy, and shorthand skills.

BEN. 352.—Office Machine Techniques. 2 credits. Prerequisite: BEN. 81 or permission of instructor.

9:00 daily and 2 hours to arrange. YN 305. BRADDY, V.

The voice-writing machines, duplicating machines, adding machines and calculating machines are studied, both as to techniques and operation.

BUSINESS ORGANIZATION AND OPERATION

BS. 204.—Business Ethics. 3 credits.

8:00 daily. I 205. KAHN, S. A.

A study of ethical standards and theories of right and justice underlying business relations. Stress is laid on problems involving social morality, the profit motive, price policies and unfair competition. Specific codes of ethics are analyzed in order to determine the place of business ethics in American contemporary society.

BS. 231.—Principles of Marketing. 3 credits. Prerequisite: ES. 205-206.

Section 1. 7:00 daily. I 210. BREESE, W. E.
Section 2. 9:00 daily. I 203. CRAWFORD, C. M.

The institutions and methods developed for carrying on trade operations; retail and wholesale agencies; elements of marketing efficiency; the cost of marketing; price maintenance; unfair competition; the relation of the government to marketing.

BS. 233.—Salesmanship. 3 credits.

10:00 daily. I 205. YODER, L. C.

An introduction to selling. Analysis of types, stages, problems, of psychology of sale situations.

BS. 260.—Fundamentals of Insurance. 3 credits.

7:00 daily. I 201. PIERCE, J. E.

The basic fundamentals underlying the business of insurance as a prerequisite for more advanced and detailed work in the subject, designed to serve two distinct needs: (1) to give students of economics and commerce a general knowledge of the subject; and (2) to lay a foundation for the future work of those interested in entering the business.

BS. 271.—Industrial Management. 3 credits.

11:00 daily. I 202. HODGES, H. G.

The basic fundamentals of management underlying the solution of problems of organization and operation of business enterprises. Application of these fundamentals to specific fields of industrial management such as production, material personnel, purchasing, etc.

BS. 336.—Credits and Collections. 3 credits.

9:00 daily. I 206. YODER, L. C.

Retail and mercantile credit; the principles that guide a creditor both in the acceptance of risk and the collections that must follow; credit department operation.

BS. 363.—Life Insurance: Elements. 3 credits.

8:00 daily. I 104. PIERCE, J. E.

All types of life insurance, giving a picture of the business as interrelated with our economic world through examination of uses; selection methods; policy provisions and conditions; and carriers. Designed to familiarize the student with the general principles of the business and/or to form a foundation for advanced study.

BS. 373.—Personnel Management. 3 credits.

8:00 daily. I 207. LUCK, T. J.

A comparison of and critical evaluation of public and private personnel practices and techniques of recruiting, selecting, transferring, promoting, classifying and training workers. Attention is centered on the problem of training to fit workers for the different types and levels of duties called for by government, by industry and by other types of business enterprises. Consideration of organization, policies, and procedures of managing men.

BS. 401.—Business Law. 3 credits.

10:00 daily. I 108. WYATT, J. W.

Contracts: Formation and interpretation; operation and discharge; remedies. Agency: Nature and formation of relationship; inter-relationship responsibilities and rights; responsibility as to third parties, termination of relationship.

BS. 402.—Business Law. 3 credits.

8:00 daily. I 206. WYATT, J. W.

Sales: Formation and performance of contracts of sale of personal property; remedies of sellers and buyers for breach. Negotiable Instruments: Formation and operation of negotiable contract; rights and obligations of various parties on negotiable instrument; discharge.

BS. 422.—Investments. 3 credits. Prerequisite: ES. 321.

11:00 daily. I 208. FLOYD, J. S.

The nature of investments; investment policies and types of securities; analysis of securities; the mechanics and mathematics of security purchases; factors influencing general movements of security prices.

BS. 427.—Corporation Finance. 3 credits.

10:00 daily. I 210. FLOYD, J. S.

A study of the economic and legal forms of business enterprises; the instruments of business finance; financial problems as they relate to the ordinary operations of the business involving working capital, income, dividend policy and current borrowing.

BS. 428.—Corporation Finance. 3 credits. Prerequisite: BS. 427. A continuation of BS. 427.

9:00 daily. I 108. McFERRIN, J. B.

The sale of corporation securities; problems incident to growth and expansion; business failures and financial reconstruction; social aspects of corporate financial policy.

BS. 433.—Advertising. 3 credits.

11:00 daily. I 110. HARDY, F. K.

A comprehensive guide to the planning and preparation of modern advertising in all of its phases.

BS. 437.—Retailing. 3 credits.

8:00 daily. I 208. BREESE, W. E.

The fundamentals of retailing: problems, policies, trends and procedures in retail distribution.

BS. 438.—Sales and Market Analysis. 3 credits.

10:00 daily. I 208. CRAWFORD, C. M.

The application of scientific method to the solving of marketing and distribution problems; survey, observational, and experimental methods of gathering data; specific investigations into sales, advertising, brand, price, and trade channel problem solving.

BS. 439.—Principles and Problems of Merchandising. 3 credits.

9:00 daily. I 208. BROHM, H. D.

Methods and policies relative to business management functions of merchandising; buying, product analysis, pricing, brands, channels of distribution, and sales administration.

BS. 444.—Ocean Transportation. 3 credits.

10:00 daily. I 105. BRADBURY, R. W.

Problems in ocean transportation; types of ocean carriers; ocean routes; ocean ports; services of ocean freight carriers; ship brokerage and freight brokerage; passenger carriers; steamship combinations and conferences; ocean freight rate-making; vessel and cargo documents; regulation of shipping; government aid to ship-building and operation; shipping of Florida ports.

BS. 459.—Field Work in Marketing. Variable crdit up to 3 hours.*

To arrange. D 102. McFERRIN, J. B.

Up to three credit hours for weekly reports and a final report on problems as they arise in a full time three months period of work in Sales, Retailing, Advertising, Wholesaling, Credits and Collections, Market Research, or other work in Marketing under supervision of an approved employer. Open only to students majoring in Marketing, Sales, Retailing, or Advertising curricula only before the last term on the campus, only after completion of a course in the principles of the subject to be prac iced, and only with written permission from a sponsoring Professor. Complete course regulations may be secured from sponsoring professor. All registrations in this course are subject to these regulations.

BS. 464.—Statistical Controls for Management. 3 credits.

9:00 daily. I 104. COLLINS, E. C.

The methods and devices used by management in the collection, interpretation and application of data for the control and correction of managerial problems.

BS. 472.—Collective Bargaining. 3 credits.

9:00 daily. I 207. LUCK, T. J.

A study of the practices and techniques of collective bargaining with respect to the relationship of the individual worker and his union, of the union and the employer, and of the union and the general public.

BS. 479.—Business Policies. 3 credits.

8:00 daily. I 108. BROHM, H. D.

A study of Business Policies correlating the functions of sales, procurement, personnel, finance, and covering various industries and cyclical movements. Open only to seniors and graduate students.

BS. 482.—Fidelity and Surety Bonding. 3 credits.

10:00 daily. I 207. CRIST, G. W., JR.

The bonding coverages guaranteeing performance and/or honesty and capacity of third parties as well as the underwriting principles applicable to this field.

BS. 484.—Legal Aspects of Insurance. 3 credits.

11:00 daily. I 207. CRIST, G. W., JR.

The essentials of the law peculiarly applicable to the business of insurance including Florida's statutory regulation thereon.

GRADUATE COURSES

BS. 528.—Central Banking, Policies and Problems. 3 credits. Prerequisite: ES. 321.

To arrange. D 109. MATTHEWS, C. A.

The functions, powers, and policies of central banks; the changing role of central banks in the economy, with special emphasis on the place of central banks in a "free" economy and in a "state" economy.

BS. 535.—Market Management. 3 credits. Prerequisite: BS. 438, and BS. 439 or equivalent.

To arrange. D 116. HARDY, F. K.

Some marketing policy problems from the standpoint of the individual enterprise. Channels of distribution, pricing, sales promotion, marketing trends and sales organization.

BS. 575.—Management Problems. 3 credits.

To arrange. D 112. HODGES, H. G.

Deals with specific current industrial problems in the fields of administration, production, finance, personnel, labor relations, purchasing and distribution. Problems are selected from technical magazines in the management fields, and from contacts with key operating personnel in industry.

---

* Credit must be assigned on the registration card.

CHEMICAL ENGINEERING

CG. 347.—Industrial Stoichiometry. 4 credits. Prerequisites or corequisites: CY. 202, MS. 354, and PS. 206.

8:00 daily. EI 430. TYNER, M.
2:00-5:00 MW. N 105.

Industrial processes and calculations, weight balances, gas calculations, combustion processes, vapor pressure, humidity, etc.

CG. 361.—Materials of Engineering. 3 credits. Prerequisites: CY. 102 or CY. 106, and PS. 206.

10:00 daily. EI 328. BEISLER, W. H.

Production, properties, and uses of ferrous and non-ferrous metals and alloys, cement, bricks, plastics, timber, etc.

CG. 447.—Principles of Chemical Engineering. 3 credits. Prerequisite: CG. 348.

10:00 daily. EI 430. SCHWEYER, H. E.

The fundamental chemical engineering operations: fluid flow, heat transmission, evaporation, humidity, etc.

CG. 467.—Chemical Engineering Thermodynamics. 3 credits. Prerequisites: CY. 401 and MS. 354. Corequisite: CY. 402.

11:00 daily. EI 430. DUNCAN, J. M.

Fundamental applications of thermodynamics to chemical engineering.

CHEMISTRY

CY. 101.—General Chemistry. 4 credits. The first half of the course CY. 101-102.

(Register for the lecture, one discussion section, and one laboratory section.)

Lecture Section 1:	9:00	M T Th F	LE 142
Discussion Section 11:	9:00	W S	LE 142
Laboratory Section 111:	1:00-4:00	M W	LE 138

Fundamental laws and theories of chemistry and the preparation and properties of the common non-metallic elements and their compounds.

CY. 102.—General Chemistry. 4 credits. The second half of the course CY. 101-102.

Lectures:	11:00	Daily	LE 212
Laboratory:	1:00-4:00	T Th	LE 138

Fundamental laws and theories of chemistry; common metals and their compounds and uses.

CY. 105.—General Chemistry and Qualitative Analysis. 4 credits. The first half of the course CY. 105-106. Prerequisites: Upper percentile rating in placement tests in physical sciences and mathematics or satisfactory completion of C-2. In general, freshmen should present evidence that they have had high school chemistry. Pre- or corequisite: Basic Mathematics.

Lectures:	9:00	Daily	LE 118 TARRANT, P.
Laboratory:	2:00-5:00	M W	LE 138

CY. 106.—General Chemistry and Qualitative Analysis. 4 credits. The second half of the course CY. 105-106.

Lectures:	11:00	Daily	LE 118
Laboratory:	2:00-5:00	T Th	LE 136

CY. 203.—Qualitative Analysis. 3 credits. Prerequisites: CY. 102 or a grade of B or better in ACY. 126.

Lectures:	10:00	M T W Th	LE 118
Laboratory:	1:00-4:00	T Th	LE 136

CY. 205.—Introductory Quantitative Analysis. 4 credits. Prerequisite: CY. 106 or CY. 203.

Lectures:	8:00	M T W Th	LE 118	GROPP, A. H.
Laboratory:	1:00-4:00	M T W Th	LE 112	

Theoretical principles and laboratory techniques in gravimetric and volumetric determinations.

***CY. 262.—Organic Chemistry.** 5 credits. Prerequisite: CY. 102 or CY. 106.

(Register for the lecture section, one laboratory section, and one discussion section.)

Lecture Section 1:	10:00	M T Th F	LE 118
Discussion Section 11:	10:00	W S	LE 118
Discussion Section 12:	1:00	T Th	LE 212
Laboratory Section 111:	2:00-5:00	T Th	
	1:00-4:00	W F	LE 236
Laboratory Section 112:	2:00-5:00	T Th	
	1:00-4:00	W F	LE 236

CY. 301.—Organic Chemistry. 4 credits. The first half of the course CY. 301-302. Prerequisite: CY. 205.

(Register for the lecture section, one discussion section, and one laboratory section.)

Lecture Section 1:	8:00	M T Th F	LE AUD	RIETZ, E. G.
Discussion Section 11:	8:00	W S	LE 212	
Discussion Section 12:	1:00	W F	LE 212	
Laboratory Section 111:	2:00-5:00	W F	LE 238	
Laboratory Section 112:	2:00-5:00	W F	LE 238	

Preparations and properties of the various aliphatic and aromatic compounds.

CY. 402.—Physical Chemistry. 4 credits. The second half of the course CY. 401-402.

Lectures:	9:00	Daily	LE 212	PHILLIPS, L. R.
Laboratory:	1:00-4:00	T Th	LE 204	

Colloids, electricity as applied in chemistry, chemical kinetics, photo-chemistry and introduction to quantum theory.

GRADUATE COURSES

****CY. 502.—Structural Inorganic Chemistry.** 3 credits.

To arrange.

****CY. 506.—Special Chapters in Organic Chemistry.** 3 credits.

To arrange.

****CY. 513.—Colloids.** 3 credits.

To arrange.

---

* Premedical students should take CY. 301-302 rather than CY. 262.

** That one of these courses will be given for which the greatest demand develops.

CY. 547.—Biochemistry (Proteins and Colloids). 2 credits. Prerequisite: A course in general biochemistry.

To arrange. NOVAK, A. F.

Composition, structure, physico-chemical properties and function of the proteins; the relation of colloid systems to biochemical processes.

CY. 549.—Biochemistry Laboratory (Proteins and Colloids). 1 credit. Prerequisite or corequisite: CY. 547.

To arrange.

CY. 565.—Seminar in Cancer Research. 1-3 credits.*

9:30-12:30 S.

CY. 570.—Research in Inorganic Chemistry. 2 to 6 hours credit.*

CY. 571.—Research in Analytical Chemistry. 2 to 6 hours credit.*

CY. 572.—Research in Organic Chemistry. 2 to 6 hours credit.*

CY. 573.—Research in Physical Chemistry. 2 to 6 hours credit.*

CY. 574.—Research in Naval Stores. 2 to 6 hours credit.*

CY. 575.—Research in Sanitary Chemistry. 2 to 6 hours credit.*

CY. 576.—Research in Biochemistry. 2 to 6 hours credit.*

CY. 581.—Cancer Research. 1 to 6 hours credit.*

CIVIL ENGINEERING

CL. 223.—Surveying. 3 credits. Prerequisite: MS. 105.

(Register for the lecture (Section 1) and one laboratory (Section 11 or 12).)

Section 1. 9:00 M T W Th. EI 416. KATTERHENRY, A. A.
Section 11. 2:00-5:00 M W. EI 343. KATTERHENRY, A. A.
Section 12. 1:00-4:00 T Th. EI 343. KATTERHENRY, A. A.

Use of surveyors tape, level and transit; traversing and balancing of surveys; calculation of areas, contour work; line-azimuth by observation on sun, stadia surveying with transit; topographic mapping; land subdivision and determination of the accuracy or order (first, second or third) of survey required for the purpose.

CL. 226.—Higher Surveying. 3 credits. Prerequisite: CL. 223.

11:00 M T W Th. EI 415. BRANSFORD, T. L.
1:00-4:00 M W. EI 343. WINSOR, A. N.

Adjustment of instruments; precise leveling; precise base-lines; first order triangulation; highway profiles and curves; line azimuth by Polaris observations; use of alidade and plane table; topographic mapping; photogrammetry.

CL. 301.—Forest Surveying. 3 credits. Prerequisite: CL. 223.

8:00 T Th. EI 324. WINSOR, A. N.
9:00-12:00 T Th. EI 324. WINSOR, A. N.
1:00-4:00 T Th. EI 324. WINSOR, A. N.

Topographic mapping; resurvey of land lines and boundaries; timber road detail by compass and Abney level; mapping and traverse from aerial photograph data; plane table surveys; stadia measurements; line azimuth determination; adjustment of instruments; leveling.

---

* Credit assigned must be shown on registration blank.

CL. 321.—Highways and Airports. 3 credits. Prerequisite: CL. 226.

8:00 daily. EI 416. BRANSFORD, T. L.

The principles of highway planning, location, construction, maintenance, financing and administration, as applied to interregional, primary and secondary roads and city streets; planning and design of airports.

CL. 326.—Statics of Simple Structures. 4 credits. Prerequisite: EM. 365.

11:00 daily. EI 416. DANIELS, S. R.
1:00-4:00 M W. EI 320. DANIELS, S. R.

Applications of the methods of statics to structural analysis; a correlation between graphical and analytical methods; moments, shears, reactions, resultants, stress diagrams, and influence lines for statically determinate structures.

CL. 333.—Design in Reinforced Concrete. 3 credits. Prerequisites: EM. 367, CL. 326.

9:00 daily. EI 415. BUGG, S. L.

The principles of reinforced concrete design; design of concrete mixtures; design of beams for bending; combined bending and axial loads; bond, shear, and web reinforcing; composite beams; columns; simple retaining walls.

CL. 368.—Strength of Materials Laboratory. 1 credit. Corequisite: EM. 367.

1:00-4:00 M W. EI 120. COMINS, H. D.

A laboratory course of experiments involving the strength and physical properties of engineering materials that are studied in Strength of Materials.

CL. 424.—Soil Mechanics. 3 credits. Prerequisites: GY. 210, EM. 367.

10:00 M T W Th. EI 415. ZIMPFER, W. H.
1:00-4:00 T Th. EI 112. ZIMPFER, W. H.

Origin and composition of soils; classification and routine testing, subsurface exploration and sampling; permeability and capillarity of soils; compaction, field and laboratory methods; stresses in soil masses as determined by elastic theory; consolidation; strength theory; shearing characteristics of sands; shearing strength of cohesive soils.

CL. 426.—Water Supply and Treatment. 3 credits. Prerequisite: EM. 313.

10:00 M T W Th. EI 204. KIKER, J. E.
1:00-4:00 T Th. EI 320. KIKER, J. E.

Sources of supply, methods of treatment; the design of water systems including supply, treatment and distribution.

CL. 429.—Sewerage. 3 credits. Prerequisites: EM. 314, CL. 333. Corequisite: CL. 438.

9:00 M T W Th. EI 204. HENDRICKSON, E. R.
1:00-4:00 M W. EI 324. HENDRICKSON, E. R.

The hydraulic and structural design of the sewerage system and sewage treatment plants; including a study of the elementary principles of sewage treatments.

GRADUATE COURSES

CL. 523.—Advanced Concrete Structures. Variable credit.* Prerequisites: CL. 438, CL. 333. Corequisite: CL. 538.

10:00 daily. EI 416. CUTTS, C. E.

Comparisons of modern methods of concrete proportioning; design with relation to ultimate; prestressing and contrastressing; plastic flow; special structures; admixtures and protective treatments; study of research development, the design of concrete rigid frame bridges.

CL. 526.—Three Dimensional Stress Analysis. 3 credits. Prerequisite: CL. 326.

9:00 daily. EI 420. BROMILOW, F.

The resolution of forces, computation of reactions, and calculation of forces and stresses in structures that cannot be reduced to co-planer structures.

---

* Credit assigned must be shown on the registration blank.

CL. 529.—Advanced Sanitary Engineering Design. 3 credits. Prerequisites: CL. 429, CL. 438, CL. 527.

9:00-12:00 daily. EI 320. GRANTHAM, G. R.

Special problems in the design of water, sewage, and industrial waste plants.

CL. 547.—Advanced Highway Engineering. 1 to 6 credits.* Prerequisites: CL. 439, CL. 450.

11:00 daily. EI 411. RITTER, L. J.

Special problems in highway economics, planning, design and construction.

COMMERCIAL ART**

CT. 360.—Layout. 3 credits.

1:00-3:00 daily. WA 300 B.

The elements of design in layout.

CT. 361.—Lettering and Instrumental Drawing. 3 credits.

1:00-3:00 daily. WA 300 C.

The design of letters suitable to the subject. Instruction in the mechanical aids to drawing.

CT. 461-462-463.—Projects in Advertising Design, Group I. 36 hours of lecture —laboratory. 3 credits each;—group total, 9 credits.

Hours to arrange. WA 300 D.

Page ads, direct mail pieces, poster design, package design and educational visual aids. Analysis of product, market, media and reproduction processes.

CRAFTS**

CS. 381.—Crafts I. 3 credits.

1:00 to 3:00 daily. WA 301 and WA 304.

Construction, glazing, and firing of ceramic products. The design and construction of woven fabrics, silver, copper, and leather articles.

CS. 382.—Crafts II. 3 credits.

3:00 daily. 6 hours to arrange. WA 304.

Specialization in three areas from any of the fields studied in CS. 381.

CS. 482.—Ceramics II. 6 credits.

3:00 daily. 18 hours to arrange. WA 304.

An advanced course in ceramics combining research in design and ceramic technology.

CS. 484.—Special Problems in Crafts. 6 credits.

3:00 daily. 18 hours to arrange. WA 304.

Area of specialization selected by the student in consultation with the instructor.

DAIRY SCIENCE

DY. 311.—Principles of Dairying. 3 credits.

9:00 M T W Th. DL 203. WILKOWSKE, H. H.

Laboratory: 1:00-3:00 T Th. DL 110.

Composition and properties of milk; sanitary milk production; common methods of analyzing milk; common dairy processes; farm methods of handling milk.

---

* Credit assigned must be shown on the registration blank.

** For detailed course description refer to the University *Catalog*.

DY. 411.—Dairy Cattle Management. 3 credits.
7:00 M T W Th. DL 203. ARNOLD, P. T. DIX.
Laboratory: 1:00-5:00 F. DL 203.

Dairy breeds, selection, breeding and raising of dairy cattle. One or more trips to dairy farms.

GRADUATE COURSES

DY. 521.—Problems in Milk and Milk Products. Variable credit.
To arrange. WILKOWSKE, H. H.

A course designed to teach methods in dairy products research.

DY. 523.—Problems in Dairy Production. Variable credit.
To arrange. STAFF.

Research for majors in dairy husbandry.

DY. 508.—Methods in Animal Research. 2 credits.
To arrange. BECKER, R. B.

Methods employed in nutritional investigations with farm animals, including feeding and management.

ECONOMICS

ES. 203.—Elementary Statistics. 4 credits. Prerequisite: C-42 or equivalent.
(Register for one section only.)

Section 1.	8:00 daily. 1:00-3:00 M W.	PE 1.	ZIEGLER, R. J.
Section 2.	9:00 daily. 3:00-500 M W.	PE 1.	ANDERSON M. D.
Section 3.	10:00 daily. 2:00-4:00 T Th.	PE 1.	ZIEGLER, R. J.

The statistical method as a tool for examining and interpreting data; acquaintance with such fundamental techniques as find application in business, economics, biology, agriculture, psychology, sociology, etc.; basic preparation for more extensive work in the field of statistics.

ES. 205.—Economic Foundations of Modern Life. 3 credits. First half of the course ES. 205-206.
(Register for one section only.)

Section 1.	7:00 daily.	I 110.	CALOHAN, C. E.
Section 2.	8:00 daily.	I 110.	CALOHAN, C. E.
Section 3.	9:00 daily.	I 110.	KARP, J. R.
Section 4.	10:00 daily.	I 110.	ANDERSON, J. D.

Introductory course in economics designed primarily to meet the requirements of University students who feel the need for a workable knowledge of the economic system. Emphasis is placed on analysis and descriptions of the more important economic organizations and institutions which, in their functional capacities, constitute the economic order. Economic principles and processes are explained, especially those relating to an understanding of value, price, cost, rent, interest, wages, profit, money, banking, commerce, foreign exchange, foreign trade and business cycles. The first term, which is devoted largely to the study of economic organizations and institutions and to the principles governing value and price, may be taken separately for which 3 semester hours of credit are given.

ES. 206.—Economic Foundations of Modern Life. 3 credits. Second half of the course ES. 205-206.
(Register for one section only.)

Section 1.	8:00 daily.	I 106.	BRAND, M.
Section 2.	9:00 daily.	I 106.	ROBERTSON, A. J.
Section 3.	10:00 daily.	I 106.	ROBERTSON, A. J.
Section 4.	11:00 daily.	I 209.	MILLICAN, C. N.

ES. 210.—Machine Technology in American Life. 3 credits.

10:00 daily. I 209. MILLICAN, C. N.

Shift from agrarian to industrial economy; development of machine technology and mass production; finance capitalism; impact of technological change on cultural pattern; class stratification and conflicts; relation of technology to nationalism and internationalism.

ES. 246.—The Consumption of Wealth. 3 credits.

10:00 daily. I 206. CUNKLE, A. L.

An economic analysis of the problems involved in determining the extent and trends of consumer demand and in the adjustments of productive processes to that demand.

ES. 296.—Industry and Trade of Latin America. 3 credits.

8:00 daily. I 209. COLLINS, E. C.

The industrial importance of the several Latin American countries viewed in the light of their economic background. Attention is devoted to the development of the industries of each country, the volume and types of exports and imports as well as the trade practices and customs of these countries.

ES. 321.—Money and Banking. 3 credits. Prerequisite: ES. 205-206.

9:00 daily. I 202. MATTHEWS, C. A.

An introduction to the field of finance; a study of the institutions providing monetary, banking and other financial services; interrelationships and interdependence of financial institutions; central banking; government control of finance; significance of financial organization to the economic system as a whole.

ES. 327.—Public Finance. 3 credits. Prerequisite: ES. 205-206.

(Register for one section only.)

Section 1.	9:00 daily.	I 210.	ANDERSON, J. D.
Section 2.	11:00 daily.	I 210.	CUNKLE, A. L.

Principals governing expenditures of modern government; sources of revenue; public credit; principles and methods of taxation and financial administration as revealed in the fiscal systems of leading countries.

ES. 347.—Principles of Foreign Trade. 3 credits. Prerequisite: ES. 205-206.

7:00 daily. PE 1. SHIELDS, M. W.

Fundamental principles of foreign trade; significance of geographic, economic, social, and political influences; current practices and development in foreign trade; products of international commerce, protective tariffs and other barriers to world trade; tendencies in the foreign trade of the United States.

ES. 351.—Elements of Transportation. 3 credits. Prerequisite: ES. 205-206.

8:00 daily. I 105. ROBERTS, M. J.

General survey of the significance, characteristics, and major problems of intercity transportation.

ES. 372.—Labor Problems. 3 credits. Prerequisite: ES. 205-206.

10:00 daily. I 202. KENNEDY, J. W.

Labor problems; insecurity, wages and income; hours, sub-standard workers, industrial conflict; attempts to solve labor problems by employees; unionism in its structural and functional aspects; attempts to solve labor problems by employers; personnel management, employee representation, employers' associations; attempts to solve labor problems by state, protective labor legislation, laws relating to settlement of industrial disputes.

ES. 382.—Principles of Resource Utilization. (Identical with GPY. 382.) 3 credits.

9:00 daily. B 114. DAY, R. L.

A comprehensive review of the natural and human resources of the United States followed by an intensive study of the wise and wasteful practices of exploitation and utilization of these resources. A study of the human and economic significance of the principles of conservation with special reference to the South. Course designated to satisfy resource certification for social studies teachers.

ES. 404.—Government Control of Business. 3 credits. Prerequisite: ES. 205-206.
9:00 daily. I 205. BRAND, M.

The evolution of economic control; an examination of the effectiveness of laissez faire control in the American economy; legality of and chief methods of effectuating governmental control; the development of the relationship between government and non-public utility monopolies; Federal Trade Commission control of competitive practices; a critical appraisal of recent developments in the field of government control.

ES. 407.—Economic Principles and Problems. 3 credits. The first half of the course ES. 407-408. Prerequisite: ES. 205-206.

(Register for one section only.)

Section 1.	8:00 daily.	I 201.	QUALLS, L. L.
Section 2.	9:00 daily.	I 201.	FRISTOE, C. W.
Section 3.	11:00 daily.	I 201.	FRISTOE, C. W.

An advanced course in economic theory, dealing especially with the theories of production, price determination, and income distribution and their application to a selected list of current economic problems.

ES. 408.—Economic Principles and Problems. 3 credits. The second half of the course ES. 407-408.

(Register for one section only.)

Section 1.	8:00 daily.	I 202.	MITCH, G. F.
Section 2.	10:00 daily.	I 201.	MITCH, G. F.

ES. 409.—Comparative Economic Systems. 3 credits.
8:00 daily. I 210. BLODGETT, R. H.

The economics of capitalism, socialism, communism, and fascism. The theoretical economics of capitalism, socialism, and communism and the actual economies of the United States, Soviet Russia, England, Nazi Germany, and Fascist Italy are compared on the basis of such matters as industrial production, agriculture, exchange, credit and banking, income distribution, the status of labor, and international trade. Marxian Socialism is also considered briefly.

ES. 429.—Introduction to Business Cycles. 3 credits. Prerequisite: ES. 321.
10:00 daily. I 104. KARP, J. R.

An introduction to the principal theories of the business cycle including also a description of the various types of cycles and an examination of the important remedies that have been proposed.

ES. 469.—Business Cycles and Forecasting. 3 credits. Prerequisite: ES. 203.
11:00 daily. PE 1. ANDERSON, M. D.

Mathematical and statistical theory of the relationships of important variables in the business cycle, such as profits, the price level, wages, national income, employment, savings and investment. Application of this theory to business forecasting and problems of governmental control.

ES. 477.—Problems in Federal Finance. 3 credits. Prerequisite: ES. 327.
9:00 daily. I 209. QUALLS, L. L.

Economic effects of public expenditure; war finance; personal income and estate taxes; corporate income and profits taxes; excise taxes; debt problems.

GRADUATE COURSES

ES. 545.—The Economy of Latin America. 3 credits.
To arrange. D 109. BRADBURY, R. W.

A study of contemporary economic and commercial problems of Latin America. Attention will be given to current developments in production, transportation and trade of the various countries.

ES. 551.—Transportation Policy. 3 credits.
To arrange. D 120. ROBERTS, M. J.

Critical examination of the development, effects, and proposed improvements of general transportation policy, including regulation, promotion, taxation, and labor.

ES. 574.—Labor Economics. 3 credits.

To arrange. D 111. KENNEDY, J. W.

The seminar in wage theory has for its purpose an intensive and advanced study of the various theories of wage determination and the economic role of wages in the economy.

ES. 591.—Neo-Classical Economics. 3 credits. The first half of the course ES. 591-592.

2:00-5:00 M W. LI 417. BLODGETT, R. H.

Analysis, criticism, and restatement of neo-classical price and production theories. Demand, supply, cost of production, and price determination under various conditions of the market will be considered. The writings of Marshall, Hicks, Boulding, Davenport, Stigler, Fellner, J. Robinson, and Chamberlin provide the background for the discussion.

EDUCATION

EN. 301.—Principles and Practices of the Secondary School Program. 3 credits.

EN. 301 and EN. 302 must be taken concurrently.

8:00-10:00 daily. YN 140. BROWNE, E. B.

Work will consist of readings, class discussions, observation and participation in school and community situations; attention to the scope, functions, and types of secondary school curriculums; contributions and techniques of the specific teaching fields; theories of learning and growth.

EN. 302.—Principles and Practices of the Secondary School Program. 3 credits.

8:00-10:00 daily. YN 140. BROWNE, E. B.

EN. 303.—Methods in Vocational Agriculture. 3 credits.

11:00 daily. YN 140. LOFTEN, W. T.

General methods of teaching vocational agriculture.

EN. 309.—Teaching of Secondary Mathematics. 3 credits.

9:00 daily. YN 316. KIDD, K. P.

For students who plan to teach mathematics in grades 9-12. Basic concepts and skills that should be taught in algebra and geometry with emphasis on procedures and materials.

EN. 316.—Elementary Quantitative Methods in Education and Psychology. 3 credits.

8:00 daily. YN 316. KIDD, R.

Application of statistical processes and formulas to educational and psychological data; the interpretation of typical quantitative treatments of findings in psychology and education.

EN. 385.—Child Development. 3 credits.

Section 1. 9:00 daily. YN 222.

Growth and development of children into mature personalities. Recent research studied through outside reading, class discussion and observation. Methods of evaluating child growth.

EN. 386.—Educational Psychology. 3 credits.

Section 1. 11:00 daily. YN 222.

Application of psychological principles to the education process. Individual differences, principles of learning, transfer of training, and the nature of reasoning.

EN. 418.—Audio-Visual Materials. 3 credits.

8:00 daily. YN 142. ALEXANDER, V. W.

The techniques needed to provide better classroom utilization of the audio-visual aids to learning. Some opportunity to develop skill in these techniques will be presented to students.

EN. 471.—Problems of Instruction. 4 credits.

1:00 daily and 2 hours to arrange. YN 207.

Curriculum practices and development of plans for classroom experience.

EN. 480.—Teaching of Reading. 3 credits.

10:00 daily. YN 140.

A comprehensive survey of the problems of teaching reading in all grades; practical procedures for attacking these problems.

GRADUATE COURSES

NOTE: All new graduate students in Education are required to attend an orientation meeting at 7:00 P.M., June 19, in the P. K. Yonge Auditorium. Information will be given about types of graduate study, the planning of individual programs, and facilities available.

EN. 527.—Secondary School Curriculum. 3 credits.

11:00 daily. YN 316. BROWNE, E. B.

This course is the graduate counterpart of EN. 397, but students are expected to carry out an individual project in addition to studying about general methods of teaching in high schools. Students who have taken EN. 397 or its equivalent will not receive credit for EN. 527.

EN. 530.—Individual Work. 3 or 6 credits.

Section 1. To arrange. YN 302. WILLIAMS, W. R.

Restricted to students with special problems. Registration may be arranged only with the approval of the instructor and the head of the department.

EN. 579.—Methods and Materials in Secondary Mathematics. 3 credits.

10:00 daily.

To help teachers obtain and use materials for the enrichment of teaching in junior and senior high school mathematics classes; simple field problems in surveying, construction and use of the slide rule, navigation problems, examination of films and filmstrips, construction of resource units.

EN. 588.—Language Arts in the Elementary School—Creative Expression. 3 credits. This course satisfies the requirement for certification in the elementary school Area II.

1:00 daily. YN 140.

The literature for young children and the arts related—illustration, puppetry and other dramatic forms, story telling, creative writing; the evaluation and study of children's books.

ELECTRICAL ENGINEERING

EL. 211.—Introduction to Electrical Engineering. 3 credits. Corequisites: PS. 206, PS. 208, MS. 354.

8:00 daily. EI 334.

A course to provide sophomore students who are planning to enroll in the Department of Electrical Engineering with basic knowledge of fundamentals of electric, magnetic, and dielectric circuits, and direct current methods of measurements.

EL. 342.—Elements of Electrical Engineering. 3 credits. The second half of the course EL. 341-342. Prerequisite: EL. 341.

9:00 daily. EI 346.

For engineering students not majoring in electrical subjects.

Representation of alternating current by vectors and complex quantities; measurement of power in single phase and polyphase circuits; generations, transmission, and utilization of electrical energy; characteristics of a.c. machinery; testing of a.c. equipment.

EL. 343.—Elements of Electrical Engineering. 3 credits. Prerequisites: MS. 354, PS. 206, PS. 208.

11:00 daily. EI 346.

For students majoring in Civil Engineering. The course covers as much of the power field of Electrical Engineering as possible within the allotted time, including electric and magnetic circuits, theory and application of direct and alternating current machines, illumination and wiring problems.

EL. 346.—Electrical Communications. 4 credits. Corequisite: EL. 362.

(Register for the lecture (Section 1) and one laboratory (Section 11 or 12).)

Section 1.	9:00 daily.	EI 328.
Section 11.	1:00-4:00 M W.	EI 427.
Section 12.	1:00-4:00 T Th.	EI 427.

Speech and hearing; receivers and loud speakers; principles of various systems of wire and radio telegraphy and telephony; elementary tube theory; amplifiers; radio receivers; and transmitters.

EL. 350.—Dynamo Laboratory. 1 credit. The second half of the course EL. 349-350. Prerequisite: EL. 349.

Section 1.	1:00-4:00 M W.	EI 220.
Section 2.	1:00-4:00 T Th.	EI 220.

A laboratory course for engineering students not majoring in electrical subjects. Experimental studies and tests of alternating current circuits and apparatus.

EL. 362.—Electric Circuits. 4 credits. The second half of the course EL. 361-362. Prerequisite: EL. 361.

(Register for the lecture (Section 1) and one laboratory (Section 11 or 12).)

Section 1.	8:00 daily.	EI 328.
Section 11.	1:00-4:00 T Th.	EI 424.
Section 12.	1:00-4:00 M W.	EI 424.

Unbalanced polyphase circuits; filters; elements of transmission lines; symmetrical components; non-sinusoidal waves; transient conditions; laboratory experiments in measurements; study of instruments, and verification of theorems.

EL. 445.—Electrical Instruments, Meters, and Relays. 3 credits. Prerequisites: EL. 362, EL. 363.

10:00 M T W Th.	EI 346.
1:00-4:00 M W.	EI 230.

Indicating instruments; demand instruments; recording and integrating; instrument transformers; measurement of circuit constant at low frequency and at radio frequency; measurement of frequency; wave form, power factor and phase angle; vacuum tube instrument.

EL. 446.—Electric Power Transmission 3 credits. Prerequisites: EL. 362, EL. 363.

8:00 daily. EI 346.

Characteristics of power and communication lines derived from the distributed constant circuit standpoint; traveling and standing waves; impedance loci and transmission line charts.

EL. 473.—Industrial Electronics. 4 credits. Prerequisites: EL. 346, EL. 362, EL. 363.

9:00 daily.	EI 430.
1:00-4:00 T Th.	EI 450.

Analysis of vacuum tube application with special emphasis on industrial devices such as high frequency heaters, rectifiers and inverters, timers, photoelectric controls, voltage regulators, and instruments.

EL. 493.—Electrical Design and Experimental Procedure. Variable credit.*

To arrange.

Special projects are studied and reports prepared thereon.

GRADUATE COURSES

EL. 537.—Transients in Linear Systems. 3 credits.

8:00 daily. EI 411.

Transient analysis of electrical and mechanical systems stressing Laplace transform methods.

EL. 552.—Theory of Vacuum Tubes. 3 credits.

9:00 daily. EI 411.

Fundamental principles of electronic motion, space-charge effects, and interactions of electrons with electromagnetic fields; analysis of vacuum-tube operation.

EL. 591.—Special Topics in Electrical Engineering. Variable credit.*

To arrange.

Laboratory, lectures, or conference covering specially selected topics in Electric Engineering.

ENGINEERING MECHANICS

EM. 313.—Fluid Mechanics. 4 credits. Prerequisites: EM. 365, MS. 354.

11:00 daily. RE 401.
1:00-4:00 T Th. RE 100.

Mechanics of compressible and incompressible fluids. Special emphasis of viscosity effects. Bernoilli's theorem, surface and form resistance, impulse-momentum principle, lift and drag, laws of similarity and dimensional analysis. Study includes statics, kinetics, and dynamics, and the application of basic principles to the flow of fluids through measuring devices and pipes, and around immersed bodies.

EM. 314.—Hydraulic Engineering. 3 credits. Prerequisite: EM. 313.

10:00 daily. RE 403.

Hydrology: analysis of rainfall and stream flow ending in the determination of a unit-hydrograph; flood control engineering. Open channels: study of critical flow, transilatory waves, and the hydraulic jump; backwater computations; reservoir routing; channel design. Pipes: construction of nomographs; pipe network, Cross method; water hammer, Gibson method; pipe design. Pumps: use of service and pump charactertistic curves based on manufacturer's data; cavitation studies. Turbines: significance of performance curves and specific speed; design of intake structures, control works, and draft tubes. Structures: design of a gravity dam by the method of zones.

EM. 365.—Engineering Mechanics—Statics. 3 credits. Prerequisites: PS. 205, ML. 182. Corequisite: MS. 354.

Section 1. 8:00 daily. RE 401.
Section 2. 10:00 daily. RE 401.

Principles of statics: resultants and equilibrium of co-planar force systems; resultants and equilibrium of space force systems; trusses containing two force members; structures containing three force members; friction; centroids; moments of inertia; Mohr's circle.

EM. 366.—Engineering Mechanics—Dynamics. 3 credits. Prerequisites: EM. 365, MS. 354.

Section 1. 9:00 daily. RE 402.
Section 2. 11:00 daily. RE 402.

Principles of dynamics: rectilinear translation; curvilinear translation including special equations for highway banking and dynamic balancing of rotating weights; mass moment of inertia; rotation; plane motion; work and energy; impulse and momentum.

EM. 367.—Strength of Materials. 3 credits. Prerequisites: EM. 365, MS. 354.

Section 1. 8:00 daily. RE 402.
Section 2. 10:00 daily. RE 402.

Tension, compression, shear, stress and strain; combined stresses; Mohr's circle; riveted joints for pressure vessels and structural work; torsion, bending moments; stresses, and deflection of simple, cantilever, and continuous beams; eccentric loading; columns.

GRADUATE COURSE

EM. 564.—Advanced Strength of Materials. 3 credits. Prerequisite: EM. 365.

To arrange.

Special problems in localized stress, principal stresses, strains due to principal stresses, thick wall cylinders, shear center, unsymmetrical bending, curved flexural members, closed rings, flat plates.

---

* Credit assigned must be shown on the registration blank.

ENGLISH

EH. 133.—Effective Writing. 3 hours. 3 credits. Prerequisite: C-3, or permission of C-3 Course Chairman.

10:00 daily. AN 2. WALKER, B. H.

Designed to aid the student to present his ideas in writing which is not only accurate and clear but pleasing and attractive to the reader. Students are urged to do creative work.

EH. 134.—Contemporary Reading. 3 hours. 3 credits. Prerequisite: C-3, or permission of C-3 Course Chairman.

12:00 daily. AN 2. FOGLE, S. F.

Designed to aid the student in planning for himself a well-rounded program in reading, which will serve to keep him abreast of the best in conemporary thought. Some time will be spent in introducing each student to the bibliography and writing in the area of his special professional interest.

EH. 135.—Word Study. 2 hours. 2 credits.

1:00 M T W Th. AN 311. BAUGHAN, D. E.

Effective ways of increasing vocabulary, improving skill as a reader and enhancing command of the arts of communication. Prerequisite: C-3.

EH. 217.—Literary Masters of England. 3 hours. 3 credits. The first half of the course EH. 217-218. May be taken for credit without EH. 218.

8:00 daily. AN 210. STRYKER, D.

The most interesting and significant English writers are read and discussed, primarily for an appreciation of their art and outlook on life. The selections begin with *Beowulf* and include the Age of Johnson.

EH. 218.—Literary Masters of England. 3 hours. 3 credits. The second half of the course EH. 217-218. May be taken for credit without EH. 217.

8:00 daily. AN 311. FAIN, J. T.

Covers the periods in English literature from Wordsworth and Coleridge to the present.

EH. 223.—Masterpieces of World Literature. 3 hours. 3 credits. The first half of the course EH. 223-224. May be taken for credit without EH. 224.

11:00 daily. AN 212. PATRICK, J. M.

EH. 301.—Shakespeare. 3 hours. 3 credits.

10:00 daily. AN 210. HERBERT, T. W.

Devoted chiefly to the romantic comedies and the history plays. As an aid to the reading of Shakespeare, some of the most interesting features of the Elizabethan stage and drama are treated briefly.

EH. 303.—English Literature of the 19th Century. 3 hours. 3 credits.

12:00 daily. AN 210. STRYKER, D.

Attention will be focused on Tennyson and Browning; Newman, Carlyle, and Macaulay; Dickens, Thackeray, and the Brontes.

EH. 328.—Imaginative Writing. 2 hours. 2 credits. The second half of the course EH. 327-328. May be taken for credit without EH. 327.

2:00 M T W Th. AN 212. BAUGHAN, D. E.

Designed to help the student who desires guidance in developing his capacity for original work. Group discussion, individual conferences, many papers.

EH. 355.—Business English. 3 hours. 3 credits.

12:00 daily. AN 212.

A general course in business writing, including business letters and elementary report writing. Prerequisite: C-3.

EH. 380.—English in the Secondary Schools. 3 hours. 3 credits.

8:00 daily. AN 212. COX, E. H.

Designed to help teachers of English by (1) a review of the contents, both the language and the literature, of secondary school English, with attention to some of the methods widely used in high school English courses, and (2) a study of both the ultimate and the immediate objectives of the Secondary English program.

EH. 391.—Children's Literature. 3 hours. 3 credits.

10:00 daily. AN 212. GEHAN, F. E.

Designed to arouse and satisfy a genuine interest in children's books apart from school textbooks, to aid the student to obtain a better working knowledge of this literature, and to make him more aware of degrees of excellence in content and form.

EH. 399.—Introduction to the Study of Literature. 3 hours. 3 credits.

9:00 daily. AN 210. HERBERT, T. W.

The nature of literature, its types, forms, content and values. Designed to provide the student with a better critical understanding of literary art. Lectures, wide reading and discussion.

EH. 401.—American Literature. 3 hours. 3 credits.

11:00 daily. AN 210. WARFEL, H. R.

Together with EH. 402, a critical and historical survey of American literature from 1607 to the present, considering the broad movements in the development of this literature, its relation to its social and cultural background, and the artistic merit of its principal productions. EH. 401-402 is suitable for English majors and for students preparing to teach English in the secondary school.

EH. 409.—Chaucer. 3 hours. 3 credits. Prerequisite: Approval of departmental adviser.

9:00 daily. AN 311. PYLES, T.

Designed to help the student appreciate Chaucer as a story teller, as a wise, humorous and penetrating observer of human life, and as a great poet.

EH. 415.—Milton. 3 hours. 3 credits. Prerequisite: Approval of departmental adviser.

11:00 daily. AN 311. ORAS, A.

Though the emphasis will fall upon *Paradise Lost*, all of Milton's poetry will be read and much of his prose.

EH. 418.—The Literature of the South. 3 hours. 3 credits.

9:00 daily. AN 212. FAIN, J. T.

Poetry and prose written by Southerners or reflecting the life in the region. Chief emphasis on 19th and 20th century literary productions.

EH. 419.—Elizabethan Drama. 3 hours. 3 credits. Prerequisite: Approval of departmental adviser.

12:00 daily. AN 311. PATRICK, J. M.

The origins and development of the Elizabethan drama, exclusive of Shakespeare, with emphasis upon such major writers as Marlowe, Kyd, Chapman, Marston, Webster and Jonson.

EH. 433.—English Literature of the 18th Century. 3 hours. 3 credits. Prerequisite: Approval of departmental adviser.

2:00 M T W Th F.* AN 311. HODGES, J. R.

English prose and poetry from Dryden through Pope, with chief emphasis upon Dryden, Defoe, Addison and Steele, Pope and Swift.

EH. 443.—The English Romantic Period. 3 hours. 3 credits. Prerequisite: Approval of departmental adviser.

10:00 daily. AN 311. FOGLE, S. F.

Chief emphasis on the work of Burns, Coleridge and Wordsworth.

---

* One hour to arrange.

GRADUATE COURSES

NOTE: With the approval of the departmental adviser, the following courses may be taken for graduate major credit: EH. 409, EH. 415, EH. 419, EH. 433, EH. 443. No graduate degree, however, may be completed with courses at the 400 level but must include approved course work at the 500 level.

EH. 529.—Graduate Seminar. 2 hours. 1 credit.
1:00-3:00 M W. LI 404. BOWERS, R. H.

EH. 530.—Individual Work. Variable credit.* Prerequisite: Approval of departmental adviser.
To be arranged.

EH. 550.—The English Language in the Modern Period. 3 hours. 3 credits.
10:00 daily. LI 404. PYLES, T.

An historical study of the phonology, morphology, and syntax of the English language since about A. D. 1500, with some attention to the development of English in America.

EH. 566.—Literary Criticism, Historical and Analytical. 3 hours. 3 credits.
3:00 M T W Th F.** LI 404. ORAS, A.

Criticism from the 18th century to the present.

EH. 586.—American Fiction from 1860 to 1920. 3 hours. 3 credits.
To be arranged. LI 404. WARFEL, H. R.

A seminar. Harte, Twain, Howells, James, Crane, and others.

ENTOMOLOGY

EY. 301.—Economic Entomology. 3 credits.
(Register for one section only.)

Section 1.	9:00 M T W Th	FL 308	HETRICK, L. A.
	1:00-3:00 T Th	FL 306	
Section 2.	10:00 M T W Th	FL 308	ROGERS, A. J.
	3:00-5:00 T Th	FL 306	

An introduction to economic entomology, which is based upon a study of the life histories and control of major insect enemies of American agricultural crops. Particular stress is placed upon southern and Florida economic insects. This course is designed for all students in the College of Agriculture either as a pre- or corequisite for other entomology courses.

Textbook, *Destructive and Useful Insects* by Metcalf and Flint; or *Insects of Farm, Garden and Orchard* by Peairs.

EY. 305.—Problems in Entomology. 2 to 4 credits.* Prerequisites: EY. 301 and the basic course in the selected specialized field.
8:00 W. FL 308. CREIGHTON, JOHN T., and STAFF.
Other hours to be arranged.

Consists of an entomological problem for study which may be in any field of specialization, including histology, morphology, taxonomy, embryology, biological control, ecology, toxicology, plant quarantine, biology, life history and habits, commercial entomology, structural pest control, and medical and veterinary entomology. Textbook not required.

EY. 420.—Medical Entomology. 2 credits.
8:00 M T. FL 308. ROGERS, A. J.
3:00-5:00 M W. FL 306

The arthropods that are parasitic upon man, including insects and their near relatives that affect the health of man and their relationship to disease. Textbook, *Medical Entomology* by Herms.

---

* Credit assigned must be shown on registration blank.
** One hour to arrange.

EY. 460.—Insect Identification. 2 credits.

1:00-3:00 M W. FL 306. HETRICK, L. A.
8:00-12:00 F. FL 306.

The identification of insects to families. A survey of all orders. Textbooks, *Introduction to Entomology* by Comstock, and *How to Know the Immature Insects* by Chu.

GRADUATE COURSES

EY. 503.—Problems in Entomology. 2 to 4 credits.*

8:00 W. FL 306. CREIGHTON, JOHN T., and STAFF.
Other hours to be arranged.

A problem for study may be selected in any field of entomological specialization; including Histology, Morphology, Physiology, Taxonomy, Embryology, Biological Control, Ecology, Toxicology, Plant Quarantine, Commercial Entmology, Life History and Habits, Biology, and Medical and Veterinary Entomology.

EY. 511.—Entomological Research. 3 credits.

8:00 W. FL 306. CREIGHTON, JOHN T., and STAFF.
Other hours to be arranged.

Field or laboratory research of entomology problems. Results to be used in preparation of thesis. Prerequisites: 24 hours of entomology.

EY. 516.—Insect Ecology. 3 credits.

8:00 W. FL 306. CREIGHTON, JOHN T., and STAFF.
Other hours to be arranged.

Ecological principles and their application to insect life in which the economic applications are stressed. Research problem required.

SCHOOL OF FORESTRY

FY. 220.—Introduction to Forestry. 2 credits.

7:00 M T W Th. K 111. SMITH, R. B.

A basic course designed to acquaint the student with the various phases and fundamental underlying principles of the field of Forestry.

FY. 221.—Summer Camp. 5 credits.

Field. MILLER, J. W., RALSTON, C. W., DICKINSON, J. E., and WILLINGHAM, J. W.

Summer camp work covers the entire field of Forestry. Students are given practical work in surveying, cruising, silviculture, mensuration, and forest management work. NOTE: Students registering for FY. 221 will also register for FY. 318 or three credits in FY. 431.

FY. 226.—Dendrology of Angiosperms. 3 credits.

9:00 M T W Th. 1:00 to 4:00 M W. K 215. SMITH, R. B.

The botany of the angiosperms of the United States, silvical characterization including general range and local occurrence. Field identification.

FY. 318.—Forest Utilization and Products. 3 hours. 3 credits. Note: This course will be given in conjunction with FY. 221. Only students in summer camp will be allowed to register for FY. 318.

Field. MILLER, J. W.

Rough forest products, poles, piling, logs, cross-ties, posts, pulpwood, mine timbers, boxes and crates, cooperage, furniture and flooring, veneer and plywood, naval stores industry-field operations, turpentine still and products.

FY. 431.—Forest Problems Seminar. Variable credit.*

To arrange. STAFF.

Designed to cover particular fields of Forestry, to be determined by the staff. The work will be made to supplement the student's training during previous semesters.

* Credit assigned must be shown on registration blank.

FRENCH

FH. 33.—First-Year French. 3 credits. The first half of the course FH. 33-34.
8:00 daily. AN 9. KURTH, A. L.

FH. 34.—First-Year French. 3 credits. The second half of the course FH. 33-34.
10:00 daily. AN 4. CAPRETZ, P. J.

FH. 201.—Second-Year French. 3 credits. The first half of the course FH. 201-202. Prerequisite: one year of college French, or two years of high school French.
9:00 daily. AN 6. CAPRETZ, P. J.

FH. 202.—Second-Year French. 3 credits. The second half of the course FH. 201-202.
11:00 daily. AN 18. KURTH, A. L.

FH. 430.—Individual Work. 3 credits. By means of this course a student may study for credit any 400 course not currently scheduled. Conferences, readings and reports.
To arrange. AN 111. KURTH, A. L.

GRADUATE COURSE

FH. 530.—Individual Work. 3 credits. By means of this course a student may study for credit any 500 course not currently scheduled. Conferences, readings and reports.
To arrange AN 111. KURTH, A. L.

GENERAL SCIENCE

GL. 301.—Children's Science. 3 credits.
1:00-3:00 M T Th F and 2 hours to arrange. YN 222.

Employment of scientific methods and materials in the teaching of general science for the modern elementary school.

GEOGRAPHY

GPY. 317.—Principles of Global Geography. 6 hours. 3 credits.
10:00 daily. B 114. DUNKLE, J. R.

Complementing GPY. 315, it stresses the influence of physical and economic environment upon man's cultural and political history; the distribution of cultural elements including race, languages and religions and their relation to world social and political patterns. Opportunity given to study geographic topics related to school curricula.

GPY. 382.—Principles of Resource Utilization. (Identical with ES. 382.) 6 hours. 3 credits.
9:00 daily. B 114. DAY, R. L.

A comprehensive review of the natural and human resources of the United States followed by an intensive study of the wise and wasteful practices of exploitation and utilization of these resources. A study of the human and economic significance of the principles of conservation with special reference to the South.

GPY. 385.—Economic Geography of South America. 6 hours. 3 credits.
7:00 daily. B 114. PIERSON, WM. H.

A geographical survey of the continent of South America, organized around the growth of trade, exports and imports, trade by countries, and general business trends; the economic conditions that influence commercial advance or decline; the major geographic regions; their importance in supplying export products and in consuming import commodities.

GPY. 448.—Geography of the South. 6 hours. 3 credits.

11:00 daily. B 114. PIERSON, WM. H.

The natural environment of the South in relations to the cultural, economic, and political conditions of the region, and to the nation as a whole, with special emphasis upon the problems of southern resources and their use; organized mainly on a regional basis.

GPY. 487.—Economic Geography of Europe. 6 hours. 3 credits.

8:00 daily. B 114. DYER, D. R.

The characteristics and distribution of population and of economic activities in Europe as related to the natural resources of the continent; relationships to other parts of the world, especially North America.

GRADUATE COURSE

GPY. 583.—Research Seminar. Prerequisite: Graduate status with a major or minor in geography. 6 hours. 3 credits.

To be arranged. B 114. DYER, D. R.

Research in selected topics. Written report required.

GEOLOGY

GY. 203.—Elements of Physical Geology. 3 credits.

10:00 M T Th F. B 102.

Laboratory: 1:00-3:00 T Th. B 102.

A study of minerals and rocks and their formation, the operation of geological processes, land forms and their interpretation, and the applications of geological knowledge to human affairs, especially in reference to natural resources.

GY. 204.—Elements of Historical Geology. 3 credits.

9:00 M T Th F. B 104.

Laboratory: 1:00-3:00 T Th. B 104.

The geologic history of the earth and its inhabitants. The origin of the earth, the formation of the most ancient rocks, the major physical events and the evolutionary changes in the animal and plant worlds, the present distribution of surface features, economic resources and life.

GY. 401.—Physiography of North America. 3 credits.

8:00 M T Th F. B 102.

Laboratory: 1:00-3:00 M F. B 102.

An analysis and interpretation of the evolution of present-day surface features and the principles for regional classification of the land areas of the earth. A detailed study of the physiographic regions of North America and their significance in the study of geology and geography.

GERMAN

GN. 33.—First-Year German. 3 credits. The first half of the course GN. 33-34. Open to those students who have had no previous work in German.

9:00 daily. AN 9. CRAPS, J. E.

GN. 34.—First-Year German. 3 credits. The second half of the course GN. 33-34.

10:00 daily. AN 6. MAUDERLI, M. O.

GN. 201.—Second-Year German. 3 credits. The first half of the course GN. 201-202. Prerequisite: one year of college German, or two years of high school German.

8:00 daily. AN 6. CRAPS, J. E.

GN. 202.—Second-Year German. 3 credits. The second half of the course GN. 201-202.

11:00 daily. AN 6. MAUDERLI, M. O.

GN. 430.—Individual Work. 3 credits. By means of this course a student may study for credit any 400 course not currently scheduled. Conferences, readings and reports.

To arrange. AN 3-B. STAFF.

GREEK

GK. 430.—Individual Work. 1-3 credits. Prerequisite: permission of the instructor.

To arrange. AN 11. ARATOWSKY, B.

HISTORY

HY. 201.—History of World Civilizations to 1650. 3 credits.

8:00 daily. PE 114. HARRISON, J. A.

A survey of civilizations from prehistoric times to the modern era.

HY. 246.—United States History, 1865 to the Present. 3 credits.

9:00 daily. PE 112. THOMPSON, A. W.

A survey of recent United States history.

HY. 326.—Twentieth Century Europe. 3 credits.

11:00 daily. PE 114. REYNOLDS, J. H.

Europe from World War I to the present.

HY. 352.—Florida History, 1860 to the Present. 3 credits.

8:00 daily. PE 112. DOHERTY, H. J.

A survey of the State within the framework of the Nation.

HY. 372.—Modern Latin-American History (Formerly HY. 364). 3 credits.

11:00 daily. PE 112. McALISTER, L. N.

A survey of Latin America from the wars of independence to the present.

HY. 415.—The Renaissance (Formerly HY. 307). 3 credits.

9:00 daily. PE 114. HAMMOND, E. A.

The historical roots and development of the Renaissance.

HY. 451.—The Old South (Formerly HY. 430). 3 credits.

12:00 daily. PE 112. OSBORN, G. C.

The South to the close of the Civil War.

HY. 472.—Mexico and the Caribbean Area (Formerly HY. 373). 3 credits.

10:00 daily. PE 112. McALISTER, L. W.

An intensive study of Caribbean history from the Colonial period to the present.

HY. 481.—The Far East, Early Modern Period (Formerly HY. 405). 3 credits.

10:00 daily. PE 114. HARRISON, J. A.

The westernization of China, India, and Japan.

GRADUATE COURSES

HY. 500.—Thesis. Variable credit.*

7:00 daily. LI 418. PATRICK, R. W.

Directed research and writing.

---

* Variable. Credit assigned must be shown on the registration blank.

HY. 503.—Introduction to Historical Research (Formerly HY. 506). 3 credits.
8:00 daily. LI 418. DOWD, D. L.
Historical method, bibliography, and historiography.

HY. 525.—Seminar in Modern European History (Formerly HY. 581). 3 credits.
10:00 daily. LI 418. DOWD, D. L.
Directed research on selected topics.

HY. 548.—United States: The Middle Period. 3 credits.
9:00 daily. LI 418. DOTY, F. A.
The United States from 1815 to 1860.

HY. 551.—The Emergence of Modern United States (Formerly HY. 503). 3 credits.
11:00 daily. LI 418. OSBORN, G. C.
The United States from 1877 to 1914.

HORTICULTURE

HE. 201.—Principles of Horticulture. 3 credits. Desirable prerequisite: BTY. 101-102. Required of all horticulture majors.
8:00 M T W Th. FL 209. WOLFE, H. S.
Laboratory: 3:00 to 5:00 M W. FL 209.
The principles underlying home and commercial production of fruits, vegetables and flowers. A course designed both for students not expecting to major in horticulture and as an introductory course for horticulture majors which should be taken in the sophomore year.
Textbook: Schilleter and Richey, *Textbook of General Horticulture.*

HE. 341.—Citrus Growing. 3 credits. Prerequisites: BTY. 101-102 or C-6.
11:00 M T W Th. FL 209. ZIEGLER, L. W.
Laboratory: 1:00 to 3:00 W, 3:00 to 5:00 F. FL 210.
A study of citrus production and methods of culture designed to fill the need of the general student in agriculture. It is not to be taken for credit by citrus majors, but is required of students majoring in Agricultural Education and Agricultural Engineering.
Textbook: Hume, *The Cultivation of Citrus Fruits.*

HE. 403.—Physiology of Fruit Production. 3 credits. Prerequisites: BTY. 211, HE. 201.
10:00 daily. FL 209. STOUT, G. J.
Physiological principles underlying the production of fruit crops.
Textbook: Gardner, Bradford and Hooker, *Fundamentals of Fruit Production.*

HE. 421.—Commercial Truck Crops. 3 credits. (For Vocational Agriculture Teachers.) (June 18 to July 7.) Prerequisites: HE. 312, SLS. 301-302.
8:00 and 10:00 daily. VL. STOUT, G. J.
Laboratory: 1:00 to 5:00 M, 1:00 to 3:00 T W Th F. VL.
Principles and practices involved in the successful production of vegetable crops on a commercial scale. The truck crop industry of the United States is surveyed, and the factors are pointed out which make for the success or failure of this enterprise in various parts of the country. A field trip will be required.
Textbook: Watts and Watts, *The Vegetable Growing Business.*

GRADUATE COURSES

HE. 514.—Advanced Citriculture. 3 credits.
9:00 daily. FL 209. ZIEGLER, L. W.
An advanced course in citrus growing, emphasizing the problems offered by varying sites, soils, climates, stocks and varieties.

HE. 570.—Research in Horticulture. Variable credit.*
To arrange. WOLFE, H. S.

INDUSTRIAL ARTS EDUCATION

IN. 101.—Introduction to Industrial Arts. 3 credits.
8:00-10:00 daily. YN 20. NEUBAUER, G. W.

Woodworking, pattern-making, molding, metal working, plastics, sheet metal, ceramics, household mechanics, concrete construction, automotive mechanics, electricity, and drawing.

IN. 102.—Elementary Woodwork. 3 credits.
10:00-12:00 daily. YN 20. NEUBAUER, G. W.

Projects, shop sketching, wood finishing, the development of abilities to use common tool techniques in hand woodworking, and the acquiring of related information.

IN. 305.—Design and Construction in Woods. 3 credits.
2:00-4:00 daily. YN 20. NEUBAUER, G. W.

Basic principles of design and practice in their application to the design, construction, and finish of original projects in wood.

IN. 415.—Advanced Handicrafts. 3 credits. Prerequisite: IN. 312 or 313.
4:00-6:00 daily. YN 304-B. MEYER, H. K.

Advanced study in the teaching of handicrafts. Emphasis on the use of native and unusual materials and on creative design aspects. A vertical development of a few selected skills.

INDUSTRIAL ENGINEERING

IG. 322.—Plant Development and Operation. 3 credits. Prerequisite: Upper Division Classification.
8:00 daily. EI 331.

For students not majoring in Industrial Engineering. The factors affecting plant location, layout and operation.

IG. 370.—Job Evaluation. 2 credits. Prerequisite: Upper Division Classification.
9:00 M T W Th. EI 319.

Analysis of duties and responsibilities of various jobs and comparison from point of view of difficulty, responsibility, skill, education and working conditions; determination of rates of compensation and proper relation to each other according to the relative value of the job to industry.

IG. 463.—Specifications, Engineering Relations and Industrial Safety. 3 credits. Prerequisite: Senior Classification.
Section 1. 10:00 daily. EI 331.
Section 2. 11:00 daily. EI 331.

Specifications for engineering materials and construction of engineering projects and letting contracts, agreements and contractural relations; organization of safety work in industry; accident causes and legal responsibility of employer and employee; engineering ethics.

IG. 470.—Plant Location and Layout. 4 credits. The second half of the course IG. 469-470. Prerequisites: Senior Classification and IG. 469.
10:00 daily. EI 319.
2:00-5:00 T Th. EI 319.

Budgeting, plant location, machinery and equipment selection; building and service selection; maintenance management; plant layout; materials handling; storekeeping; organization; employee selection and training, merit rating, wage incentive; actual problems are analyzed and solved.

IG. 472.—Human Engineering. 2 credits. Prerequisite: Senior Classification.
9:00 M T W Th. EI 331.

The human factors as they affect production and management problems in industry.

---

* Credit assigned must be shown on registration card.

INTERIOR DESIGN

IR. 301.—Constructional Design I. 3 credits. Prerequisites: AE. 102, AE. 203 and ART 225.

8:00-10:00 daily. E 177.

Vocabulary of architectural terms. Practical limitations in interior design of buildings, materials, lighting, and color. An investigation of types and uses of structural and decorative materials.

IR. 302.—Constructional Design II. 3 credits. Prerequisite: IR. 301.

8:00-10:00 daily. E 177.

A continuation of IR. 301 with special emphasis on problems of domestic interior design. A study of planning, remodelling, materials, and furnishings.

IR. 371.—Interior Design I. 3 credits.

10:00-12:00 daily. E 177.

Elements and principles of interior design. The history of furniture and fabrics as a background for contemporary interior design and present day requirements.

IR. 372.—Interior Design II. 6 credits.

10:00-12:00 daily. 12 hours to arrange. E 177.

The design of domestic interiors. The selection and arrangement of furniture and furnishings.

IR. 471-472-473-474.—Interior Design, Group 1. 3 credits each;—group total, 12 credits. Maximum Summer Session load: 9 credits.

Hours to arrange. E 177.

A continuation of IR. 302 and IR. 372. Emphasis on the construction and design problems of commercial interiors.

IR. 475-476-477-478.—Interior Design, Group 2. 3 credits each;—group total, 12 credits. Maximum Summer Session load: 9 credits.

Hours to arrange. E 177.

A continuation of the work of the series IR. 471, 472, 473, 474. Emphasis on the construction and design problems of institutional interiors.

JOURNALISM

JM. 214.—Introduction to Journalism. 2 credits.

7:00 daily. K 103. EMIG, E. J.

A survey designed to acquaint students with professional requirements and opportunities for a career in publishing, editing, reporting and advertising. Recommended for sophomores.

JM. 320.—Agricultural Journalism. 1½ credits. Open only to Agricultural Extension workers, June 18 and July 8.

1:00 daily. K 103. JONES, J. P.

Laboratory: 2:00 to 4:00 M W F. K 103.

A practical course in the fundamentals of presenting news and information to the public about the activities of agricultural and home demonstration workers.

JM. 408.—Public Opinion. 3 credits.

9:00 daily. K 103. EMIG, E. J.

A study of the force of public opinion in modern life; the psychological technique and strategy of directors of public opinion; attitude-measurement; reader-interest surveys; radio-audience and movie-audience measurements; market and consumer analysis; public opinion polls.

JM. 409.—Law of the Press and Radio. 3 credits. Senior standing or permission of instructor.

11:00 daily. K 103. LOWRY, W. L.

How to avoid legal difficulties in journalistic activities, with special attention to provisions of Florida law relating to journalism.

JM. 411.—Public Relations. 3 credits. Senior standing or permission of instructor.

8:00 daily. K 103. LOWRY, W. L.

A study of the relationships between journalistic media and the public, and the principles, methods and means of influencing the public. Public relations programs will be prepared.

JM. 415.—Journalism in Secondary Schools. 3 credits. Prerequisite: Senior standing or permission of instructor.

10:00 daily. K 103. WEIMER, R. O.

A course designed primarily for teachers of journalism in secondary schools. Deals with problems, practice and techniques in handling school newspapers, magazines or yearbooks.

GRADUATE COURSE

JM. 507.—Reader and Listener Interest. 3 hours. 3 credits.

Research in methods of opinion-polling; attitude measurement; reader-interest surveys; radio-audience measurement; market and consumer analysis; and advertising copy testing.

LANDSCAPE ARCHITECTURE*

LAE. 301-302-303-304.—Projects in Landscape Architecture, Group 1. 3 credits each;—group total, 12 credits. Maximum Summer Session load: 9 credits. Prerequisite: Completion of Lower Division program in Landscape Architecture or equivalent. Corequisite: HE. 429.

Hours to arrange. E 180.

LAE. 311-312-313-314.—Projects in Landscape Architecture, Group 2. 3 credits each;—group total, 12 credits. Maximum Summer Session load: 9 credits. Corequisite: HE. 430.

Hours to arrange. E 180.

LAE.—401-402-403-404.—Projects in Landscape Architecture, Group 3. 3 credits each;—group total, 12 credits. Maximum Summer Session load: 9 credits.

Hours to arrange. E 180.

LAE. 411-412-413-414.—Projects in Landscape Architecture, Group 4. 3 credits each;—group total, 12 credits. Maximum Summer Session load: 9 credits.

Hours to arrange. E 180.

LATIN

LN. 105.—The Latin Element in English. 2 credits. Study of Latin words in all varieties of current English, including scientific vocabularies.

8:00 M T W Th. AN 4. ARATOWSKY, B.

LN. 201.—Second-Year Latin. 3 credits. The first half of the course LN. 201-202. Prerequisite: one year of college Latin or two years of high school Latin or the equivalent.

9:00 daily. AN 11. ARATOWSKY, B.

LN. 430.—Individual Work. 3 credits. By means of this course a student may study for credit any 400 course not currently scheduled. Conferences, readings and reports.

To arrange. AN 11. ARATOWSKY, B.

---

* For detailed course description refer to the University *Catalog*.

LAW

1st Term Summer Session 1951

June 13 - July 28

LW. 304.—**Contracts II.** 3 credits.
8:30 daily. LW 104. MAUTZ, R. B.

LW. 306.—**Domestic Relations.** 2 credits.
1:00 M T Th F. LW 203. KRASTIN, K.

LW. 322.—**Torts II.** 2 credits.
11:30 M T Th F. LW 201. TOMLIN, R. F.

LW. 405.—**Equity Pleading.** 2 credits.
10:00 M T Th F. LW 203. HUNTER, WM. A.

LW. 408.—**Legal Ethics.** 1 credit.
7:30-10:10 P.M. T. LW 104. KRASTIN, K.

LW. 415.—**Abstracts.** 2 credits.
7:00 M T Th F. LW 104. DAY, J. W.

LW. 431.—**Appellate Procedure and Judgments.** 2 credits.
11:30 M T Th F. LW 104. TeSELLE, C. J.

LW. 435.—**Equity II.** 2 credits.
11:30 M T Th F. LW 203. HUNTER, WM. A.

LW. 440.—**Business Organizations.** 2 credits.
7:00 M T Th F. LW 203. TOMLIN, R. F.

LW. 505.—**Federal Jurisdiction.** 2 credits.
1:00 M T Th F. LW 104. SLAGLE, D.

LW. 508.—**Conflict of Laws.** 3 credits.
8:30 daily. LW 201. SCOLES, E. F.

LW. 518.—**Procedure III.** 2 credits.
10:00 M T Th F. LW 104. TeSELLE, C. J.

LW. 522.—**Admiralty.** 2 credits.
8:30 M T Th F. LW 203. SLAGLE, D.

2nd Term Summer Session 1951

July 25 - Sept. 8

LW. 300.—**Equity I.** 2 credits.
10:00 M T Th F. LW 201. MALONEY, F. E.

LW. 312.—**Property II.** 2 credits.
1:00 M T Th F. LW 203. YONGE, P. K.

LW. 326.—**Criminal Law II.** 2 credits.
7:00 M T Th F. LW 104. CLARK, V. W.

LW. 403.—Agency. 2 credits.
8:30 M T Th F. LW 201. DeLONY, D.

LW. 404.—Restitution. 2 credits.
10:00 M T Th F. LW 203. MacDONALD, W. D.

LW. 411.—Florida Constitutional Law. 2 credits.
2:30 M T Th F. LW 201. CONE, A. J.

LW. 416.—Insurance. 2 credits.
10:00 M T Th F. LW 104. BLACK, K. L.

LW. 436.—U. S. Constitutional Law II. 2 credits.
11:30 M T Th F. LW 104. MILLER, G. J.

LW. 437.—Estates and Trusts II. 2 credits.
1:00 M T Th F. LW 104. MacDONALD, W. D.

LW. 502.—Damages. 2 credits.
7:00 M T Th F. LW 203. MALONEY, F. E.

LW. 504.—Municipal Corps. 2 credits.
8:30 M T Th F. LW 203. CONE, A. J.

LW. 533.—Labor Law. 2 credits.
11:30 M T Th F. LW 203. DeLONY, D.

LW. 534.—Corporate Reorganization. 2 credits.
1:00 M T Th F. LW 201. STEPHENS, R. B.

LW. 535.—Federal Taxation. 2 credits.
8:30 M T Th F. LW 104. STEPHENS, R. B.

LW. 537.—Office Practice. 2 credits.
2:30 M T Th F. LW 104. BLACK, K. L.

LW. 538.—Legal Philosophy. 1 credit.
7:30-10:10 P.M. T. LW 104. MILLER, G. J.

LIBRARY SCIENCE

LY. 304.—Organization of Library Materials. 3 credits.
9:00 daily. To arrange.
An introduction to cataloging and classification.

MATHEMATICS

MS. 105.—Basic Mathematics. 4 credits. The first half of the course MS. 105-106. Prerequisite: C-42, except for the superior group in mathematics.

Section 1. 7:00 daily and 1:00 M W. WA 211.
Section 2. 8:00 daily and 1:00 T Th. WA 211.
Section 3. 9:00 daily and 2:00 M W. PE 2.
Section 4. 10:00 daily and 2:00 T Th. PE 2.

MS. 105-106: In place of the traditional college algebra, trigonometry, and analytic geometry in succession, this course offers a sequence of topics including much of the above plus some calculus. Thus the student will obtain early a working knowledge of such mathematics as is basic to the study of the sciences and other subjects.

MS. 106.—Basic Mathematics. 4 credits. The second half of the course MS. 105-106.

Section 1. 9:00 daily and 2:00 M W. WA 211.
Section 2. 10:00 daily and 2:00 M W. PE 101.
Section 3. 11:00 daily and 2:00 T Th. PE 11.

MS. 208.—Business Mathematics. 3 credits. Prerequisite: C-42 or its equivalent.

Section 1. 8:00 daily. PE 2.
Section 2. 9:00 daily. PE 101.
Section 3. 10:00 daily. PE 102.
Section 4. 11:00 daily. WA 209.

Arithmetical, and some algebraic, treatment of the mathematical problems involved in business. Simple interest, simple, bank, and trade discounts, promissory notes, drafts, compound interest and related problems, partial payment, annuities, amortization, and other topics of the mathematics of business are treated. Not open to students who have had MS. 308, and not counted toward a mathematics major.

MS. 225.—Arithmetic for Teachers. 3 credits. Prerequisite: C-42, or special permission of instructor.

Section 1. 8:00 daily. PE 101.
Section 2. 11:00 daily. PE 101.

Treatment of fundamental notions of arithmetic with certain advanced ideas designed to throw light upon the beginning processes. Intended not only for teachers of arithmetic but also for teachers of any science in which familiarity with number processes is desirable. Not open to students who have completed more than two semesters of college mathematics, except by special permission of instructor.

MS. 226.—Algebra for Teachers. 3 credits. Prerequisite: C-42, or equivalent.

7:00 daily. PE 11.

Continuation of the material of high school algebra, with additional work in each subject treated. Intended primarily for prospective secondary school algebra teachers. Not counted toward a mathematics major.

MS. 308.—Mathematics of Finance. 3 credits. Prerequisite: C-42 or equivalent.

10:00 daily. WA 211.

An algebraic treatment of practical financial problems. Compound interest, annuities, bonds and contracts, depreciation and depletion, sinking funds and amortization of debts, and life insurance mathematics are studied. Somewhat more advanced and more theoretical than MS. 208. Not open to students who have had MS. 208.

MS. 310.—Statistical Methods. 3 credits. Prerequisite: Permission of instructor.

9:00 daily. WA 213.

Presents the bases back of the various procedures as well as practical computational methods, but avoids mathematical derivations. Regression surfaces; method of least square; partial, multiple and other correlation; elementary sampling theory; reliability of statistical measures; Chi-square tests; "student's distribution"; analysis of variance; advanced graphical techniques.

MS. 311.—Advanced College Algebra. 3 credits. Prerequisite: MS. 105-106, or equivalent.

9:00 daily. PE 11.

Further treatment of such topcis as progressions, theory of quadratic equations, permutations, combinations, probability, induction, binomial theorem, series, undetermined coefficients. Variable to prospective algebra teachers, actuarial students, and others interested in further algebraic technique.

MS. 320.—Theory of Equations. 3 credits. Prerequisite: MS. 105-106, or equivalent.

11:00 daily. WA 207.

Theorems and methods of solution relating to equations of higher degree. Approximate solutions of numerical equations. Determinants and their properties. Systems of linear equations. Symmetric functions.

MS. 325.—Advanced General Mathematics. 3 credits. Prerequisite: Permission of instructor.

11:00 daily. WA 213.

Continuation of the arithmetic and algebraic topics treated in C-42 together with some supplementary material. The deeper meaning of laws underlying number operations. Some properties of positive whole numbers. Equations of various types classified and general solutions given. Higher functional analysis. Valuable to prospective teachers of mathematics and others who wish to continue some mathematical work without becoming specialists in pure mathematics.

MS. 326.—Advanced General Mathematics. 3 credits. Prerequisite: Permission of instructor. May precede, follow, or be taken simultaneously with MS. 325.

7:00 daily. PE 101.

Review of the facts and processes of elementary Euclidean geometry, with the study of numerous generalizations of theorems and the manner in which geometry, algebra, trigonometry, and analytic geometry are related. The nature of proof. Types of proof. Problems in geometric constructions. Inequalities. The locus idea treated both synthetically and analytically. Valuable to prospective teachers of high school mathematics and to other students majoring in mathematics.

MS. 353.—Differential Calculus. 4 credits. The first half of the course MS. 353-354. Prerequisite: MS. 105-106 or equivalent.

Section 1. 7:00 daily and 1:00 M W. PE 102.
Section 2. 8:00 daily and 1:00 M W. WA 209.
Section 3. 9:00 daily and 1:00 T Th. PE 10.
Section 4. 10:00 daily and 2:00 T Th. PE 10.

MS. 353-354: Differentiation and integration. Typical problems solved by these methods are calculation of rates of change, computation of areas, volumes, moments of inertia, energy, power and many others. Various advanced topics of special value to engineers and scientists.

MS. 354.—Integral Calculus. 4 credits. The second half of the course MS. 353-354.

Section 1. 9:00 daily and 1:00 T Th. WA 209.
Section 2. 10:00 daily and 2:00 T Th. WA 209.
Section 3. 11:00 daily and 2:00 M W. PE 10.

MS. 355.—Intermediate Calculus. 3 credits. Prerequisite: MS. 353-354 or equivalent.

8:00 daily. PE 4.

This course is designed to bridge the gap between the first course in calculus and graduate courses. It covers hyperbolic functions, additional methods of integration, and some topics in solid analytic geometry with emphasis on partial differentiation and multiple integration. It completes and supplements MS. 353-354.

MS. 385.—Advanced Trigonometry. 3 credits. Prerequisite: Plane trigonometry and solid geometry, or MS. 105-106.

10:00 daily. WA 213.

Special emphasis on spherical trigonometry. The first part of the course consists of a recapitulation of the essentials of plane trigonometry and the development of some further topics in that field. Then follows a development of the formulas relating to triangles formed by great circles on a sphere.

MS. 402.—Solid Analytic Geometry. 3 credits. Prerequisite: Permission of instructor.

9:00 daily. WA 207.

An introductory course dealing with lines, planes, surfaces, transformations of coordinates, the general equation of the second degree and properties of quadrics.

MS. 411.—Survey of Modern Algebra. 3 credits. Prerequisite: MS. 105-106, or equivalent.

10:00 daily. PE 11.

An introduction to the simpler concepts of higher algebra. Number system, number theory, groups, rings, ideals, integral domains, fields, matrices, etc. Background for further study of modern high algebra.

MS. 420.—Differential Equations. 3 credits. Prerequisite: MS. 353-354.

Section 1. 7:00 daily. PE 10.
Section 2. 11:00 daily. PE 102.

The classification, solution and application of various equations which contain expressions involving not only variables, but also the derivatives of these variables.

MS. 421.—Higher Mathematics for Engineers and Physicists. 3 credits. Prerequisite: MS. 420.

8:00 daily. PE 11.

Introduces the student to various mathematical fields.

MS. 431.—College Geometry. 3 credits.

7:00 daily. WA 207.

The use of elementary methods in the advanced study of the triangle and circle. Special emphasis on solving original exercises.

GRADUATE COURSES

MS. 502.—Vector Analysis. 3 credits.

8:00 daily. WA 213.

The algebra and calculus of vectors in two and three dimensions. Applications to problems in physics and engineering.

MS. 519.—Theory of Probability and Theory of Sampling. 3 credits.

7:00 daily. WA 213.

Theory of probability. Frequency distributions. Normal and other frequency curves. Inverse probability. Method of least squares. Measures of reliability. Theory of sampling. Theory of small sample.

MS. 524.—Synthetic Projective Geometry. 3 credits.

9:00 daily. PE 102.

Pure geometry dealing primarily with properties unaltered by the processes of projection and section; principal theorems involved; theory of poles, polars, involution and kindred topics.

MS. 540.—Fourier Series. 3 credits.

10:00 daily. WA 207.

The application of trigonometric series to the solution of boundary value problems of mathematical physics. Solutions are obtained to partial differential equations relating to the flow of heat, conduction of electricity and vibrating strings.

MS. 551.—Advanced Topics in Calculus. 3 credits. The first half of the course MS. 551-552.

11:00 daily. WA 211.

MS. 551-552: Topics of advanced nature selected from the calculus, including partial differentiation, Taylor's theorem, infinite series, continuation of simple multiple integrals, line and surface integrals, Green's theorem, etc.

MS. 552.—Advanced Topics in Calculus. 3 credits. The second half of the course MS. 551-552.

7:00 daily. WA 209.

MS. 559.—Functions of Real Variables. 3 credits. The first half of the course MS. 559-560.

11:00 daily. PE 2.

MS. 559-560: The real number system; theory of point sets; rigorous investigation of many questions arising in the calculus; Lebesque integral; infinite series.

MS. 568.—History of Elementary Mathematics. 3 credits.

8:00 daily. WA 207.

A survey of the development of mathematics through the calculus, with special emphasis on the changes of the processes of operations and methods of teaching. No specific text is followed, but numerous works are used as reference.

MS. 590.—Individual Work. Variable credit.

To be arranged.

Study of research literature, work on theses, reports on special topics, and solutions of selected problems.

MECHANICAL ENGINEERING

ML. 181.—Engineering Drawing. 2 credits. Corequisite: MS. 105.

Section 1. 8:00-10:00 M T Th F. EI 515. FRASH, E. S.
Section 2. 10:00-12:00 M T Th F. EI 515. JACUNSKI, E. W.

Designed to teach the student how to make and read engineering drawings.

ML. 182.—Descriptive Geometry. 2 credits. Prerequisite: ML. 181.

Section 1. 8:00-10:00 M T Th F. EI 516. JACUNSKI, E. W.
Section 2. 10:00-12:00 M T Th F. EI 516. FRASH, E. S.

The principles of projection and the development of surfaces.

ML. 282.—Mechanism and Kinematics. 3 credits. Prerequisite: ML. 182. Corequisites: PS. 205, MS. 353.

9:00 M T W Th. EI 512.
1:00-4:00 T Th. EI 526.

Revolving and oscillating bodies, link work, belts, pulleys, gears, and cams; trains of mechanisms and the velocity and directional ratio of moving parts.

ML. 384.—Metallography and Heat Treatment. 3 credits. Prerequisite: CG. 361.

9:00 M T Th F. EI 521. TIFFIN, W. T.
1:00-4:00 T Th. EI 550. TIFFIN, W. T.

The crystal structure of ferrous and non-ferrous metals and their alloys; the iron-carbide diagram, heat treatment, and use of steel and cast iron.

ML. 385.—Thermodynamics. 3 credits. Prerequisites: MS. 354, PS. 206, CY. 106.

8:00 daily. EI 512.

Energy equations and availability of energy; gases, vapors, and mixtures; engineering applications in flow of fluids, vapor power cycles, gas compression and refrigeration.

ML. 386.—Power Engineering. 3 credits. Prerequisite: ML. 385.

10:00 daily. EI 521. REMP, G. E.

Steam and Diesel engine power plants and their auxiliary equipment.

ML. 387.—Mechanical Laboratory. 1 credit. Corequisite: ML. 385.

1:00-5:00 M W. WA 103.

The preparation of engineering reports, computation aids, the measurement of area, time, speed, pressure, temperature and gas flow. Laboratory instructions.

ML. 388.—Mechanical Laboratory. 1 credit. Corequisite: ML. 386.

1:00-5:00 T Th. WA 103.

Analysis of fuels, heating value, flue gas analysis, and testing of boilers, turbines, engines and steam plant auxiliary apparatus. Laboratory instructions.

ML. 489.—Manufacturing Operations. 3 credits. The first half of the course ML. 489-490. Prerequisite: EM. 366 or Corequisite: EM. 367.

11:00 M T W Th. EI 521.
1:00-4:00 M W. F 103.

Machinery, materials, and processes used in manufacturing. Subjects covered include: inspection gages and instruments, gage design and application, jigs and fixtures design and application, and production using machine tools and application of handbook data.

ML. 491.—Machine Design. 4 credits. Prerequisites: ML. 281, EM. 366, EM. 367.
8:00 daily. EI 521. BOURKE, N.
1:00-4:00 T Th. EI 522.

Stress analysis of machine elements, design procedure, design of machine elements, design of a simple machine.

METEOROLOGY

MTY. 101.—General Meteorology. 3 hours, and 3 hours laboratory. 4 credits. Prerequisite: C-21.
10:00 daily. BN 303. PURDY, D. R.
1:00-4:00 T Th. BN 303.

A brief descriptive course presenting in an elementary manner the basic principles of modern meteorology, and designed to give the student insight into the physical processes underlying the phenomena of weather and climate. It is to satisfy the interested curiosity of the general student as well as to furnish a background useful to the practicing amateur weatherman. May not be taken for credit by students majoring in meteorology.

MILITARY SCIENCE

MY. 101.—First Year Basic. 1 credit.
(Register for one section only.)
Section 1. 7:00 M T W Th. MI 6.
Section 2. 8:00 M T W Th. MI 6.
Section 3. 9:00 M T W Th. MI 6.

MY. 102.—First Year Basic. 1 credit.
9:00 M T W Th. MI 7.

MY. 207.—Second Year Basic, Air Force. 1 credit.
(Register for one section only.)
Section 1. 7:00 M T W Th. MI 2.
Section 2. 8:00 M T W Th. MI 2.
Section 3. 9:00 M T W Th. MI 2.

MY. 208.—Second Year Basic, Air Force. 1 credit.
7:00 M T W Th. MI 7.

MY. 307.—First Year Advanced—Air Force—Administration and Logistics. 2 credits.
(Register for one section only.)
Section 1. 7:00 daily. MI 3.
Section 2. 8:00 daily. MI 3.

MY. 308.—First Year Advanced—Air Force—Administration and Logistics. 2 credits.
7:00 daily. MI 1.

MY. 309.—First Year Advanced—Air Force (Communications). 2 credits.
8:00 daily. MI 1.

MY. 311.—First Year Advanced—Air Force (Armament). 2 credits.
8:00 daily. MI 7.

MY. 407.—Second Year Advanced—Air Force (General Administration). 2 credits.
To arrange.

MY. 408.—Second Year Advanced—Air Force (General Administration). 2 credits.
To arrange.

MY. 409.—Second Year Advanced—Air Force (Communications). 2 credits.
To arrange.

MY. 410.—Second Year Advanced—Air Force (Communications). 2 credits.
To arrange.

MY. 411.—Second Year Advanced—Air Force (Armament). 2 credits.
To arrange.

MY. 412.—Second Year Advanced—Air Force (Armament). 2 credits.
To arrange.

MY. Drill—All Sections.
5:00-6:45 W. Field.

MUSIC

***MSC. 21.—Piano.** 1 credit.
DANBURG, R. L., GOLZ, W. A.

***MSC. 25.—Voice.** 1 credit.
LUPKIEWICZ, J., STERRETT, D. E.

***MSC. 27.—Stringed Instruments.** 1 credit.
PREODOR, E., WIRTALA, A. E.

***MSC. 35.—Woodwind Instruments.** 1 credit.
WIRTALA, A. E.

***MSC. 43.—Brass Instruments.** 1 credit.
POOLE, R.

***MSC. 51.—Percussion Instruments.** 1 credit.
POOLE, R.

MSC. 100.—Fundamentals of Music. 3 credits.
7:00 daily. R 202. GOLZ, W. A.
The study of the components of Music.

MSC. 101.—Theory of Music. 3 credits.
8:00 daily. R 202. WIRTALA, A. E.
The study of rhythms, intervals, motifs, phrases, melodies, chords, and chord progressions through listening, reading, playing, singing, and writing.

MSC. 162.—Introduction to Music Education. 2 credits.
11:00 M T Th F. R 201. PAUL, O. F.
An overview of the nature and scope of music education in elementary and secondary schools with special reference to conditions in Florida.

MSC. 170.—University Orchestra. 1 credit.
7:30 P.M. M. 4:00 Th. R 144. PREODOR, E.
The study of standard orchestra literature.

---

* Students registering for Applied Music will be assigned instructor, time and place of meeting at the Music registration desk.

MSC. 171.—Choral Union. 1 credit.
3:00 M T W Th F. R 122. LUPKIEWICZ, J.
The study and performance of large choral works. A mixed chorus.

MSC. 174.—University Band. 1 credit.
4:00 M T W F. R 144. POOLE, R.
The study and performance of standard band literature.

MSC. 260.—Music Education in the Elementary School. 3 credits.
9:00 daily. R 201. PAUL, O. F.
Fundamental principles and procedures of teaching music in the elementary schools.

MSC. 310.—Music Appreciation. 2 credits.
9:00 M T Th F. R 202. DANBURG, R. L.
A study through group listening and discussion, to expand the student's understanding of music literature.

MSC. 315.—Latin-American Music. 2 credits.
10:00 M T Th F. R 202. STERRETT, D. E.
Representative works of the leading composers of Latin-America. Emphasis is placed on appreciation and understanding rather than on formal analysis.

MSC. 360.—Music Education in the Secondary School. 3 credits.
10:00 daily. R 201. PAUL, O. F.
A study of the fundamental principles and procedures of teaching music in the junior and senior high schools.

MSC. 361.—Choral Materials Laboratory. 3 credits.
11:00 daily. R 114. LUPKIEWICZ, J.
The study and performance of the repertoire used in secondary school choral organizations.

MSC. 362.—Orchestra Materials Laboratory. 3 credits.
9:00 daily. R 133. PREODOR, E.
The study and performance of the repertoire used in secondary school orchestras.

MSC. 460.—Band Materials Laboratory. 3 credits.
8:00 daily. R 144. POOLE, R.
The study and performance of the repertoire used in secondary school bands.

PAINTING AND DRAWING*

PG. 311.—Freehand Drawing. 3 credits.
10:00-12:00 daily. C 101.
Studies will be made from the model relating the structure of the human figure to its movement.

PG. 351.—Landscape and Figure Painting I. 3 credits.
10:00-12:00 daily. C 101.
Pictorial organization in terms of nature.

PG. 413.—Freehand Drawing II. 3 credits.
10:00-12:00 daily. C 101.
Interpreting gestures, weights, and contours of the human head and figure.

PG. 453.—Figure and Portrait Painting. 6 credits.
10:00-12:00 daily. C 101.
12 hours to arrange.
Work from the model with stress on pictorial organization.

---

* For detailed course description refer to the University *Catalog*.

PHARMACOGNOSY

PGY. 222.—Practical Pharmacognosy. 3 credits. The second half of the course PGY. 221-222.

8:00 M T W Th F S. LE 324. VOSS, E.
Laboratory: 2:00-5:00 T Th. LE 314.

PHARMACOLOGY

PLY. 363.—Applied Physiology. 5 credits. Prerequisite: C-6.

10:00 M T W Th F S. LE 324. BROWN, A. E.
Laboratory: 8:00-10:00 M W F S. LE 314.

PLY. 451.—Principles of Biologicals. 3 credits. Prerequisite: PLY 364.

11:00 M T W Th F S. LE 432. FOX, L. E.

PLY. 456.—New Remedies. 3 credits. The second half of the course PLY. 455-456.

12:00 M T W F. LE 324. GRAMLING, L. G.
Laboratory: 8:00-10:00 T Th. LE 314.

PHARMACY

PHY. 224.—Galenical Pharmacy. 3 credits. The second half of the course PHY. 223-224.

11:00 M T Th F. LE 324. DUCKWORTH, F. A.
Laboratory: 2:00-5:00 M W. LE 306.

PHY. 362.—Prescriptions and Dispensing. 4 credits. The second half of the course PHY. 361-362.

2:00 M T Th F. LE 324. BECKER, C. H.
Laboratory: 3:00-5:00 M T Th F. LE 322.

PHY. 402.—Pharmaceutical Arithmetic. 2 credits.

1:00 M T Th F. LE 324. DUCKWORTH, F. A.

PHY. 432.—Advanced Drug Analysis. 3 credits. Prerequisites: PHY. 353-354; CY. 203-204.

10:00 T Th. LE 432. LAUTER, W. M.
Laboratory: 8:00-11:00 M W F S. LE 322.

GRADUATE COURSE

PHY. 502.—Selected Topics in Pharmacy. 2 credits.

1:00 M T Th F. LE 432. BECKER, C. H.

PHILOSOPHY

PPY. 301.—Ethics. 3 credits.

8:00 daily. AN 104. BARTLETT, G. R.

An inquiry into the basic concepts and principles of moral action through a study of some of the principal systems of ethics.

PPY. 304.—Aesthetics. 3 credits.

10:00 daily. AN 104. OLIVER, J. W.

A systematic investigation of the problems of aesthetic value. Consideration will be given to the work of prominent philosophic aestheticians.

PPY. 409.—Ancient and Medieval Philosophy. 3 credits.
9:00 daily. AN 104. BARTLETT, G. R.
History of philosophy from Greece to the Renaissance.

GRADUATE COURSE

PPY. 570.—Individual Work. Credit to be arranged. Prerequisite: Consent of the head of the department.
To be arranged.
Provision will be made for students who desire to supplement the regular courses by individual reading or investigation under guidance. Students will be helped to plan a definite program, and will meet a member of the departmental staff in frequent conferences.

PHYSICAL EDUCATION, HEALTH AND ATHLETICS

These courses are designed primarily for students planning to teach in the areas of Physical Education, Health Education, or Recreation. Students planning to teach in other areas may register for such courses as are necessary to meet general preparation or elementary school certification requirements. Students not planning to teach may register for any of the courses in this section only upon special permission of the Head of the Department of The Professional Curriculum.

PHA. 131.—Coaching of Football. 3 credits. Open only to men.
8:00-10:00 W. FG 224. CHERRY, H. S.
Laboratory: 8:00-10:00 M T Th F. FG 224.
Theory and practice in the fundamentals of football, including a study of the standards systems of offensive and defensive play.

PHA. 141.—Tennis. 1 credit.
11:00-1:00 M W F. FG 214. SCHNELL, H. W.
Theory and practice in tennis with respect to teaching methods, strategy, skills, and the application of rules.

PHA. 142.—Gymnastics and Tumbling I. 1 credit. Open only to men.
11:00-1:00 T Th S. FG 214. HARLAN, W. H.
Theory and practice in gymnastics, tumbling and calisthenics with respect to teaching methods, skills, and the conduct of gymnastic meets.

PHA. 143.—Combat Sports. 1 credit. Open only to men.
1:00-3:00 M W F. FG 222. BRACKEN, A.
Theory and practice in boxing and wrestling with respect to teaching methods, skills, the application of rules, and strategy.

PHA. 144.—Swimming and Water Sports. 1 credit.
11:00-1:00 M W F. FG 206. HARLAN, W. H.
Theory and practice in swimming and water sports with respect to teaching methods, skills, and the conduct of swimming meets.

PHA. 171.—Folk Dancing. 2 credits.
1:00-3:00 M T W Th F. WG. FAULDS, B. B.
Theory and practice in folk, American country, and social dance with respect to teaching methods, skills and calling. For the secondary school teacher or recreation leader.

PHA. 231.—Coaching of Basketball. 3 credits. Open only to men.
8:00-10:00 W. FG 206. McCACHREN, J. R.
Laboratory: 8:00-10:00 M T Th F. FG 206.
Theory and practice in the fundamentals of coaching basketball, including a study of the standard systems of offensive and defensive play.

PHA. 232.—Coaching of Baseball. 3 credits. Open only to men.

10:00-12:00 W. FG Recreation Room. BRACKEN, A.

Laboratory: 10:00-12:00 M T Th F. FG Recreation Room.

Theory and practice in the fundamentals of coaching baseball, including the play of each position, and offensive and defensive strategy.

PHA. 241.—Golf. 1 credit.

11:00-1:00 T Th S. FG 206. REHLING, C.

Theory and practice in golf with respect to teaching methods, skill in the use of the various clubs, the application of the rules, etiquette, and the conduct of matches and tournaments.

PHA. 242.—Recreational Sports. 2 credits.

1:00-3:00 M T W Th F. FG 206. MILLAR, J., McGRIFF, J.

Theory and practice in handball, badminton, archery, horseshoes, bowling, table tennis, and informal games and sports with respect to teaching methods, skills, the application of rules, and strategy.

PHA. 244.—Life Saving and Water Safety. 1 credit. Prerequisite: PHA. 144.

1:00-3:00 M W F. FG Recreation Room. LEE, P. A.

Theory and practice with respect to teaching methods and skills in life saving, boating, and survival swimming.

PHA. 322.—Camp Programs and Counselor Training. 3 credits.

1:00 M T W Th F. FG 210. BOSWELL, J. H.

Laboratory: To arrange.

The training of counselors for organized camping. The growth and significance of the camping movement, the understanding of camp techniques, counselor qualifications, guidance of the camper. The total camping program including camp craft, nature and woods lore, and informal activities useful for rainy day and special occasion programs. Special attention is given to school camping programs.

PHA. 324.—Social Recreation. 3 credits.

Section 1. 11:00 daily. FG 224. MILLAR, J.

Methods, materials and techniques of conducting social recreation programs. Planning and participating in social activities for groups of varying sizes and for different situations. The activities include progressive parties, quiet, and semi-active group games, stunts and contests, social mixers, outing events including hikes and picnics, and activities for special occasions, such as Thanksgiving, Halloween and Christmas.

PHA. 361.—The Elementary School Health Program. 3 credits.

Section 1. 8:00 daily. FG 222. CRAWFORD, W. H.

Principles of developing the health program with procedures for protecting and improving the health of the elementary school child through: home-school-community resources and cooperation; health screening and follow-up; use of school plant and health services; selection and use of health instructional materials, records and reports in providing health experiences at various levels of the elementary school; integration and evaluation of health instruction.

PHA. 363.—Teaching Physical Education in the Secondary School. 3 credits.

Prerequisite: Limited to Upper Division students and permission of the instructor.

9:00 daily. FG 222. McGRIFF, J.

Special methods and materials in the teaching of physical education on the secondary school level as they relate to team games, rhythms, gymnastic activities, individual and dual sports, and co-physical education activities.

PHA. 373.—Teaching Physical Education in the Elementary School. 3 credits.

(Register for one section only.)

Section 1. 8:00-10:00 W. WG. PYE, R. L.
Laboratory: 8:00-10:00 M T Th F. WG.

Section 2. 10:00-12:00 W. WG. PYE, R. L.
Laboratory: 10:00-12:00 M T Th F. WG.

The program of physical education activities for the elementary school including small group play, large group play, directed play, rhythmic activities and team games, together with methods and procedures for conducting such a program.

PHA. 487.—Adapted and Corrective Physical Education. 3 credits.
10:00 daily. FG 206. MAYNARD, Z. M.

Instruction in methods of meeting the physical needs of children with certain physical defects. The problems involved in providing adapted sports programs for those with limited physical capacities. The program of and the techniques for administering special exercises for those recovering from abdominal surgery, amputations, debilitating illnesses, fractures and for those with paralysis, heart disturbances, and posture problems.

PHYSICAL FITNESS AND SPORTS

These courses are open to students who are registered for Required Physical Education during the regular sessions and have a deficiency to make up. Other students desiring to register for instruction in the Physical Fitness and Sports courses may register with the approval of the Department of Required Physical Education.

PL. 101.—Physical Education for men who have had no Physical Education in College.

(Register for one section only.)
Section 1. 1:00-3:00 M W F. FG.
Section 2. 2:00-4:00 M W F. FG.

PL. 102.—Physical Education for men who have had one semester of Physical Education in College.

(Register for one section only.)
Section 1. 1:00-3:00 M W F. FG.
Section 2. 2:00-4:00 M W F. FG.

PL. 103.—Physical Education for men who have had two semesters of Physical Education in College.

(Register for one section only.)
Section 1. 1:00-3:00 M W F. FG.
Section 2. 2:00-4:00 M W F. FG.

PL. 104.—Physical Education for men who have had three semesters of Physical Education in College.

(Register for one section only.)
Section 1. 1:00-3:00 M W F. FG.
Section 2. 2:00-4:00 M W F. FG.

PL. 105.—Physical Education for men who have had four semesters of Physical Education in College.

(Register for one section only.)
Section 1. 1:00-3:00 M W F. FG.
Section 2. 2:00-4:00 M W F. FG.

PL. 106.—Physical Education for men who have had five semesters of Physical Education in College.

(Register for one section only.)
Section 1. 1:00-3:00 M W F. FG.
Section 2. 2:00-4:00 M W F. FG.

PL. 107.—Physical Education for men who have had six semesters of Physical Education in College.

(Register for one section only.)

Section 1. 1:00-3:00 M W F. FG.
Section 2. 2:00-4:00 M W F. FG.

PL. 108.—Physical Education for men who have had seven semesters of Physical Education in College.

(Register for one section only.)

Section 1. 1:00-3:00 M W F. FG.
Section 2. 2:00-4:00 M W F. FG.

PHYSICS

PS. 109.—Problems in Physics. 1 credit. Corequisite: PS. 201.

11:00 M T W Th. BN 201. TELLER, M. H.

To accompany Ps. 201. For those students who do not have the necessary proficiency in mathematics.

PS. 201.—General Physics. 3 credits. The first half of the course PS. 201-202. Prerequisite: C-21 and C-42. Corequisite: PS. 207.

(Register for one Demonstration Section and one Discussion Section.)

Demonstration Section:
Section 1. 11:00 F. BN 203.

Discussion Sections:
Section 11. 8:00 daily. BN 201.
Section 12. 10:00 daily. BN 201.

General physics for science students.

PS. 202.—General Physics. 3 credits. The second half of the course PS. 201-202. Corequisite: PS. 208.

(Register for one Demonstration Section and one Discussion Section.)

Demonstration Section:
Section 1. 11:00 Th. BN 203.

Discussion Sections:
Section 11. 9:00 daily. BN 201.
Section 12. 10:00 daily. BN 208.

PS. 205.—General Physics. 3 credits. The first half of the course PS. 205-206. Prerequisite: MS. 105-106. Corequisite: PS. 207, MS. 353.

(Register for one Demonstration Section and one Discussion Section.)

Demonstration Section:
Section 1. 11:00 F. BN 203.

Discussion Section:
Section 11. 9:00 daily. BN 208.

Theory of mechanics, heat, sound, electricity and light. Primarily for engineering students.

PS. 206.—General Physics. 3 credits. The second half of the course PS. 205-206. Corequisite: PS. 208, MS. 354.

(Register for one Demonstration Section and one Discussion Section.)

Demonstration Section:
Section 1. 11:00 Th. BN 203.

Discussion Section:
Section 11. 8:00 daily. BN 208.

PS. 207.—Laboratory for PS. 201 and 205. 1 credit.

(Register for one section only.)

Section 1. 1:00 M W. BN 304.
Section 2. 1:00 M W. BN 305.
Section 3. 1:00 T Th. BN 304.
Section 4. 1:00 T Th. BN 305.

PS. 208.—Laboratory for PS. 202 and 206. 1 credit.

(Register for one section only.)

Section 1. 1:00 M W. BN 306.
Section 2. 1:00 M W. BN 307.
Section 3. 1:00 T Th. BN 306.
Section 4. 1:00 T Th. BN 307.

PS. 226.—Agricultural Physics. 3 credits. Prerequisite: C-21.

7:00 daily. BN 306. TELLER, M. H.

The subject is confined to the material having direct applications in the field of agriculture. To give the student a working knowledge of the fundamental physical principles which he will encounter in his work in soils, agricultural engineering, plant physiology, and dairying.

PS. 303.—Special Topics. Variable credit. Prerequisite: One year in physics.

PS. 314.—Modern Physics. 3 credits. Prerequisite: One year of general physics.

9:00 daily. BN 209. MILLETT, W. E.

A descriptive course of interest to students wishing to obtain an understanding of the advances in physics and atomic knowledge made during the last few decades. This course is designed primarily for teachers and other students who desire additional work in physics which is less mathematical than the corresponding course required of physics majors.

PS. 424.—Chemical Physics. 3 credits. Prerequisite: PS. 320 and two years of chemistry.

10:00 daily. BN 209. SMITH, A. G.

Molecular dipole moments as determined from dielectric measurements; molecular and nuclear structures as determined from band spectra, Raman spectra, x-ray and electron diffraction, and microwaves.

GRADUATE COURSES

PS. 503.—Kinetic Theory of Gases. 3 credits. Prerequisite: PS. 320.

9:00 daily. BN 209. FLOWERS, J. W.

The elements of the kinetic theory, and applications to gases and liquids, and the electrical and magnetic properties of molecules.

PS. 513.—Special Topics. Variable credit.*

Experiments on particular topics of physics, a review of classical experiments, or the development of an assigned experimental problem. The work will be assigned to meet the needs and interests of the particular student.

PS. 523.—Seminar in Modern Theory. Variable credit.*

Some particular phase of the most recent developments in theoretical physics is taken up in detail.

PLANT PATHOLOGY

Prerequisites to any course in Plant Pathology are Botany 101 and 102.

PT. 321.—Plant Pathology. 3 credits. Prerequisite to courses in Plant Pathology except PT. 325 and PT. 434.

1:00 M W. HT 501.

* Credit assigned must be shown on Registration blank.

Laboratory: 2:00 to 3:00 M W. HT 501.
1:00 to 3:00 T Th F. HT 501. OWEN, J. H.

Plant diseases caused by mechanical injury, environmental factors, parasitic bacteria, fungi and other plants and their economic importance; life cycles and role of parasitic fungi and bacteria; methods of control of plant disease.

PT. 325.—Forest Pathology. 3 credits.

10:00 M W. HT 501.

Laboratory: 11:00 to 12:00 M W. HT 501.
10:00 to 12:00 T Th F. HT 501. WEBER, G. F.

For forestry students. Tree diseases caused by mechanical injury, environmental factors, parasitic bacteria, fungi and other plants; life cycles and role of parasitic fungi and bacteria; the economic importance and control of plant disease.

PT. 424.—Field Crop Diseases. 3 credits.

7:00 M W. HT 501.

Laboratory: 8:00 to 9:00 M W. HT 501.
7:00 to 9:00 T Th F. HT 501. WEBER, G. F.

Characteristics, cause and control of the diseases of the principal farm crops such as corn, cotton, grasses, oats, peanuts, rye, sorghum, sugar cane, tobacco, tung, etc.

GRADUATE COURSES

PT. 506.—Plant Pathology Literature. 1 credit.

To arrange.

The knowledge of existing and available source material, current technical publications dealing with plant diseases and their evaluation as aids in conducting research.

PT. 508.—Plant Disease Collections. 1 credit. Prerequisite: PT. 434. The second half of PT. 507-508.

To arrange.

PT. 509.—Methods in Plant Pathology. 3 credits.

8:00 M W.

Laboratory: 9:00 to 10:00 M W.
8:00 to 10:00 T Th F. OWEN, J. H.

Sanitation, sterilization, handling of microorganisms, production of plant disease, collection and evaluation of data and the technique of selecting and operating technical equipment as working tools for research in plant pathology.

PT. 523.—Advanced Plant Pathology. 3 to 6 credits.*

To arrange.

A study of methods of research in plant pathology, life histories of parasitic organisms in relation to the host plant, environmental factors influencing the development of diseases; all diseases of certain crop plants and specific diseases common to a wide variety of hosts.

POLITICAL SCIENCE

PCL. 301.—American Government and Politics. 3 credits. The first half of the course PCL. 301-302.

8:00 daily. PE 107. MARSHALL, H. R.

A study of the structure and function of the federal government.

PCL. 302.—American Government and Politics. 3 credits. The second half of the course PCL. 301-302.

11:00 daily. PE 107. WOLFF, G. E.

Study of the structure and function of state, county, and local government.

* Credit assigned must be shown on registration card.

PCL. 309.—International Relations. 3 credits. The first half of the course PCL. 309-310.

9:00 daily. PE 107. HARTMANN, F. H.

The nature of international relations, nationalism, imperialism, militarism, armaments; history of international relations; foreign policies; function and problems of democracy; international organization; the League of Nations and the World Court.

PCL. 310.—International Relations. 3 credits. The second half of the course PCL. 309-310.

10:00 daily. PE 107. KOEN, R. Y.

PCL. 405.—History of Political Theory. 3 credits. The first half of the course PCL. 405-406.

10:00 daily. PE 202. DIAMANT, A.

A study and analysis of Ancient and Medieval political theories.

PCL. 407.—Comparative Government. 3 credits. The first half of the course PCL. 407-408.

9:00 daily. PE 202. DIAMANT, A.

Governments of England and the British Empire and Commonwealth.

PCL. 411.—Public Administration. 3 credits.

11:00 daily. PE 202. MARSHALL, H. R.

A survey of the scope, nature and trends in the field of governmental management. Study of administrative organization and action, fiscal and personnel management, administrative law and public relations.

GRADUATE COURSES

PCL. 513.—Seminar in Scope and Method. 3 credits.

To arrange. LI 420.

Research methods in political science. Bibilography. Development of political science.

PCL. 525.—Seminar in Public Administration. 3 credits. The first half of the course PCL. 525-526.

To arrange. LI 420. LARSEN, W. F.

A care ul stu ly of the methods of research in Public Administration and their application to such major problems in the field as personnel, fiscal organization and planning.

PCL. 528.—Seminar in International Relations and Organization. 3 credits. The second half of the course PCL. 527-528.

To arrange. LI 420. HARTMANN, F. H.

Diplomacy; international diplomatic conferences; the League of Nations and the United Nations; basic problems of international organization.

PSYCHOLOGY

PSY. 201.—General Psychology. 3 credits.

(Register for one section only.)

Section 1.	8:00 daily.	E 102.	NEWMAN, F.
Section 2.	9:00 daily.	PE 205.	NICHOLS, J. W.
Section 3.	10:00 daily.	PE 205.	DOW, A. N.
Section 4.	1:00 daily.	PE 205.	

An elementary treatment of the general topics in the field of psychology. Designed to provide an understanding of human behavior, approached as a natural phenomenon subject to scientific study. The unifying concept of the course is the adaptation of the individual to his physical and social environment.

PSY. 301.—Experimental Psychology. 3 credits.

1:00 M T W Th; 2:00-5:00 M W. E 109. HORNE, E. P.

Elements of scientific method. Adjustment and its organic basis. Experimental studies of sensation, perception, learning.

PSY. 305.—Social Psychology. 3 credits.

11:00 daily. E 102. RETHLINGSHAFER, D.

Influence of the social environment upon the psychological development of the individual. The influence of the individual on social groups.

PSY. 306.—Psychology Applied to Business and Industry. 3 credits.

8:00 daily. PE 205. MARTIN, J. A.

Application of the principles and methods of psychology to appropriate problems in business and industry. Studies in personnel selection, employment, job analysis, effect of conditions and methods of work on productivity. Psychological factors in advertising and selling.

PSY. 309.—Personality Development. 3 credits.

9:00 daily. AD 207. HINCKLEY, E. D.

A study of the mechanisms of personality formation, with special emphasis upon the varieties of human adjustment. The more inevitable problems of human life with their normal and abnormal solutions. The origin and modification of behavior. Processes of motivation and adjustment. Development and measurement of personality traits. Techniques of mental hygiene.

PSY. 311.—Psychological Measurement. 3 credits.

1:00 M T W Th; 2:00-5:00 T Th. E 102. ANDERSON, R. J.

Quantitative methods of experimental psychology; collection and treatment of data; correlation; prediction. Nature of measurement, reliability of tests, and the concept of validity and item analysis.

PSY. 403.—The Measurement of Intelligence. 3 credits. Prerequisite: PSY. 311. May be taken for graduate major credit.

1:00 M T W Th; 2:00-5:00 M W. AD 207. RETHLINGSHAFER, D.

Intensive study of theory, principles and methods of measuring mental abilities. Critical analysis of current mental tests with laboratory practice in administration and interpretation.

PSY. 410.—Abnormal Psychology. 3 credits.

11:00 daily. PE 205. DURRANCE, J. R.

A study of the principal abnormal phases of behavior, and the ways by means of which the individual develops abnormal habits of thinking and acting. A survey of the signs of beginning maladjustment and procedures which may be followed to correct these tendencies. Special attention is given to the prevention and treatment of mental disease.

PSY. 417.—Methods in Clinical Psychology. 3 credits. Prerequisites: PSY. 403, 410. May be taken for graduate major credit.

11:00 daily. AD 207. DIXON, J. C.

A survey of the basic concepts, methods, and procedures used in evaluating human personality, abilities, and behavior disorders. Case studies will be analyzed. Techniques of guidance and mental hygiene will be considered.

GRADUATE COURSES

PSY. 502.—Readings in Experimental Psychology. 3 credits.

2:00-5:00 T Th. E 109. HORNE, E. P.

PSY. 513.—Specific Clinical Patterns. 3 credits. Prerequisites: PSY. 312 and 417.

9:00 daily. E 102. DIXON, J. C.

Origins, differential development, clinical recognition and therapeutic indications for common syndromes of maladjustment in children.

PSY. 525.—Research. 3 credits. Prerequisite: Status as a graduate student with a major in psychology.

To arrange.

REAL ESTATE

RE. 291.—Real Estate Fundamentals. 3 credits.

9:00 daily. I 102. JOHNSON, M.

A survey of the real estate field with emphasis on the essentials that concern the consumer. The aim is to develop a full understanding of the significance of realty as a commodity and to equip the student with the fundamentals essential to successful home ownership. Classroom lectures and problems are further designed to provide a qualifying background for those seeking further training in real estate law, brokerage, management, appraising and real estate finance.

RE. 295.—Housing and Home Ownership. 3 credits.

8:00 daily. I 102. CASE, F. E.

Concerned with the consumption of real estate and the economic, legal and technical aspects of housing from the point of view of the home owner. Stress is laid on the evolution and limitations of property rights, the role of government in the field of housing, principles of home ownership, home construction and design, and the vital problem of when and how to buy a home.

RE. 391.—Property Management. 3 credits.

10:00 daily. I 102. KAHN, S. A.

Management of real properties as part of the real estate business; principles, management and organization; collections, expenditures and services; physical care of the property; records; agent's relation with tenant.

RE. 393.—Urban Land Utilization. 3 credits.

7:00 daily. I 102. JOHNSON, M.

Land and population; economics of land utilization; urbanization and urban land; manufacturing as an urbanizing factor; labor as a factor; transportation and commerce in city location and urbanization.

RE. 492.—Real Estate Finance. 3 credits.

9:00 daily. I 105. CASE, F. E.

Functions of real estate finances, the loan contract; the mortgage market; elements of mortgage risk; loan policy and administration of loans; analysis of current mortgage market conditions.

RE. 493.—Real Estate Law. 3 credits.

11:00 daily. I 102. CHACE, J. E.

Necessity of learning when to consult a lawyer; fixtures; easements; land descriptions; land titles and interests; deeds; mortgages; foreclosures; landlord and tenant; taxes and assessments; avoidance of "unauthorized practice of law."

GRADUATE COURSE

RE. 593.—Research in Real Estate Brokerage. 3 credits.

2:00-5:00 T Th. LI 417. CHACE, J. E.

A critical study of selected methods and practices of real estate brokerage.

RELIGION

RN. 342.—The Career and Significance of Jesus. 3 credits.

8:00 daily. I 204. PHILPOTT, H. M.

RN. 351.—Comparative Religion. 3 credits.

10:00 daily. I 204. PHILPOTT, H. M.

SCHOOL ART

SCA. 253.—General Art for the Elementary Grades. 3 credits.

2:00-4:00 M W F. YN Art Shop. MITCHELL, J. O.

General survey and practice in all types of art work for grades one through six. This course satisfies the requirement for certification in the Elementary School course.

SCA. 333.—Planning the Art Curriculum for Grades One through Six. 3 credits.
10:00 daily. YN Art Shop.

A study of valuable types of school art expression based on child development and needs at each age level; experiences with various art media.

SCA. 334.—School Art Design. 3 credits.
8:00 daily. YN Art Shop. MITCHELL, J. O.

To help teachers (a) to understand design as manifested in the art work of children, (b) to understand the evolution of design in crafts, in graphic art work, and in structural design, (c) to work out design problems in each of these fields.

SOCIAL STUDIES

SCL. 205.—Children and Culture. 3 credits.
7:00 daily. YN 222. BLACK, J. H.

A study of effects upon children of the social, economic, geographic, and other circumstances of community life. Field trips supplement classroom study.

SCL. 206.—Children and Culture. 3 credits. The second half of SCL. 205-206.
8:00 daily. YN 222. BLACK, J. H.

SCL. 301.—Children's Social Studies. 3 credits.
11:00 daily. YN 222.

Ways and means of guiding children to improved social living; sources of materials and examples of superior practice examined.

SOCIOLOGY

SY. 241.—Sociological Foundations of Modern Life. 3 credits.
11:00 daily. PE 309. BURRUS, J. N.

Culture and its relations to specific social problems. The social institutions of American life today in relation to population changes, ethnic groups, and major problems of social policy. The social consequences of technological change. Techniques of social control in the metropolitan world.

SY. 316.—The Field of Social Work. 3 credits.
8:00 daily. PE 308. ATCHLEY, M. H.

Administrative and promotional social work. Public social work agencies, with especial attention to the Federal Security Agency and its subdivisions. Casework techniques, the range of duties of social workers in public and private agencies. Field visits to and studies of welfare agencies in Florida.

SY. 324.—Criminology. 3 credits.
9:00 daily. LE AU. VEDDER, C. B.

Nature and causes of crime. Punishment, treatment and prevention of criminality. Sociological aspects of criminal law and procedure. Emphasis on current trends in criminality and its treatment.

SY. 344.—Marriage and the Family. 3 credits.
12:00 daily. LE AU. EHRMANN, W. W.

Forms of marriage and the family. Sex developmental differentiations. Sex education. Social relationships between men and women. Preparation for marriage. Legal and social factors affecting marital adjustment.

SY. 421.—Rural Sociology. 3 credits.
10:00 daily. PE 309. BURRUS, J. N.

American rural life in the changing regions. Trends in rural social resources and problems in the United States, the Southeast, Florida.

SY. 425.—Juvenile Delinquency. 3 credits.
9:00 daily. PE 308. ATCHLEY, M. H.

Social determinants of delinquency. Methods of detention, probation and parole, court administration. Designed for teachers, social workers, and others concerned with the practical problems of delinquency.

SY. 430.—Individual Work. 3 credits.

To arrange. STAFF.

Designed to permit advanced students to do work not available to them in currently offered courses.

SY. 490.—The South Today. 3 credits.

10:00 M T W Th F. PE 308. MACLACHLAN, J. M.

This course will be completed during the first six weeks of the Summer Session. Social resources and challenges in the modern Southeast. Variant patterns of southern culture. Population pressures and trends. The major problems of southern social institutions. Programs and plans for the region.

GRADUATE COURSES

SY. 545.—Seminar: Marriage and the Family. 3 credits.

8:00 M T W Th F. PE 309. EHRMANN, W. W.

This course will be completed during the first six weeks of the Summer Session. A critical analysis of the classical systematic treatises and of the more significant research studies in the field. Construction and completion of short research projects by the student.

SY. 560.—Special Topics. 3 credits.

To arrange. MACLACHLAN, J. M.

Special topics in sociology by arrangement with advisor.

SOILS

SLS. 301.—Soils. 3 credits. Prerequisites: ACY. 125-126 or CY. 101-102.

Lecture 1. 8:00 M T W Th. FL 208. ROTHWELL, D. F.
Lecture 2. 10:00 M T W Th. FL 208. ROTHWELL, D. F.
Laboratories 11. 1:00-3:00 M W. FL 202. ROTHWELL, D. F.
Laboratories 12. 1:00-3:00 T Th. FL 202. ROTHWELL, D. F.
Laboratories 13. 3:00-5:00 W F. FL 202. FORBES, R.

The nature and properties of soils with elementary treatment of genesis, morphology and classification. Soil types and problems in Florida. *The Nature and Properties of Soils,* Lyon and Buckman.

SLS. 302.—Soil Fertility. 3 credits. Prerequisite: SLS. 301.

Lecture 1. 9:00 M T W Th. FL 208. FORBES, R.
Laboratories 11. 3:00-5:00 T Th. FL 202. FORBES, R.
Laboratories 12. 3:00-5:00 W. FL 202. FORBES, R.
1:00-3:00 F. FL 202. FORBES, R.

General principles of soil fertility. The physical, chemical and biological factors affecting soil fertility and crop production. Studies on samples of soil from the home farm; commercial fertilizers, manures, green manures and organic matter maintenance, crop rotation and permanent soil fertility. *Soil Science,* revised, Weir.

SLS. 402.—Advanced Soil Fertility. 3 credits. Prerequisite: SLS. 302.

9:00 M T W Th. FL 102. HAMMOND, L. C.

Laboratory. 1:00-3:00 T Th. FL 103. HAMMOND, L. C.

Soil and plant relationships especially from the standpoint of normal growth under field conditions; interrelationships of chemistry, physics, and microbiology; mineral and organic balance, the rate of trace elements, deficiency symptoms; quality production; fertilizer materials; placement and cultural relationships. *Soil Conditions and Plant Growth,* Russell.

GRADUATE COURSE

SLS. 570.—Research in Soils. 1 to 6 credits.*

To arrange. NE 104. SMITH, F. B., and HAMMOND, L. C.

* Credit assigned must be shown on the registration blank.

SPANISH

SH. 33.—First-Year Spanish. 3 credits. The first half of the course SH. 33-34. Open to students who have had no previous training in Spanish.

7:00 daily. AN 9. TRUJILLO, V.

SH. 34.—First-Year Spanish. 3 credits. The second half of the course SH. 33-34.

10:00 daily. AN 18. HAMILTON, J.

SH. 201.—Second-Year Spanish. 3 credits. The first half of the course SH. 201-202. Prerequisite: one year of college Spanish or two years of high school Spanish.

Section 1. 9:00 AN 18. SABAL, A.
Section 2. 10:00 AN 9. TRUJILLO, V.

SH. 202.—Second-Year Spanish. 3 credits. The second half of the course SH. 201-202.

11:00 daily. AN 9. RAMIREZ, A.

SH. 307.—Survey of Spanish Literature. 3 credits. Prerequisite: SH. 201-202 or the equivalent. Conducted in Spanish.

9:00 daily. AN 4. SANCHEZ-BARBUDO, A.

SH. 400.—Latin-American Literature—El Modernismo. 3 credits. Prerequisite: permission of the instructor.

10:00 daily. AN 7. WERSHOW, I. R.

SH. 423.—The Teaching of Spanish. 3 credits. Prerequisite: three years of college Spanish or the equivalent. Conducted in Spanish.

11:00 daily. AN 4. WERSHOW, I. R.

SH. 430.—Individual Work. 3 credits. By means of this course a student may study for credit any 400 course not currently scheduled. Conferences, readings and reports.

To arrange. AN 3-A. WERSHOW, I. R.

GRADUATE COURSES

SH. 516.—Spanish Essayists of the Nineteenth Century. 3 credits. Conducted in Spanish.

8:00 daily. AN 7. SANCHEZ-BARBUDO, A.

SH. 530.—Individual Work. 3 credits. By means of this course a student may study for credit any 500 course not currently scheduled. Conferences, readings and reports.

To arrange. AN 3.

SPEECH

The Department of Speech maintains a clinic in speech and hearing for children and adults. Any resident of Florida may come to the clinic during the summer for diagnosis and treatment. To make an appointment, report to Room 339, Administration Bldg.

SCH. 231.—Voice and Diction. 2 credits. Prerequisite: C-3, or consent of instructor.

Section 1. 12:00 T W Th F. AD 206.
Section 2.* 9:00 T W Th F. AD 206.

Group and individual voice improvement.

SCH. 241.—Effective Speaking. 3 credits. Prerequisite: C-3, or consent of the student's dean.

(Register for one section only.)

Section 1. 7:00 daily. AD 206.
Section 2. 8:00 daily. AD 206.
Section 3. 10:00 daily. AD 237.
Section 4. 11:00 daily. AD 237.

Demonstration and practice in effective speaking.

SCH. 301.—Advanced Public Speaking. 3 credits. Prerequisite: SCH. 241.

8:00 daily. AD 357.

Composition and delivery of types of speeches.

SCH. 307.—Interpretation of Literature. 3 credits. Prerequisite or Corequisite: SCH. 241.

9:00 daily. AD 239.

Oral reading of short stories and poetry.

SCH. 309.—Staging and Lighting. 3 credits. Prerequisite: SCH. 250.

1:00-3:00 M T W Th F. AD 238.

Constructing, assembling, painting, and lighting of scenery.

SCH. 311.—Speech Training for the Radio. 3 credits. Prerequisite: SCH. 241 and SCH. 307.

10:00 daily. AD 357.

Study of vocal considerations for all uses of the microphone.

SCH. 315.—Applied Phonetics. 3 credits. Prerequisite: SCH. 241.

10:00 daily. AD 206.

Analysis of the sounds of speech; dialects; foreign languages.

SCH. 328.—Public Service Radio. 3 credits. Prerequisite: SCH. 222, or permission of instructor.

12:00 daily. AD 357.

Public service and educational radio programs.

SCH. 403.—One-Act Play. 3 credits.

11:00 daily. AD 239.

Reading and criticism of the best one-act plays.

SCH. 410.—Scientific Bases of Speech. 3 credits. Prerequisite: SCH. 241, or permission of instructor.

8:00 daily. AD 239.

Scientific material fundamental in understanding the speaking process.

SCH. 418.—Correction of Speech Defects. 3 credits. Prerequisite: SCH. 417, or permission of instructor.

9:00 daily. AD 237.

Diagnostic and corrective procedures in the more complex speech defects.

---

* For foreign students only.

GRADUATE COURSES

SCH. 502.—Plays, Players, and Playwrights. 3 credits.
12:00 daily. AD 239.
The production, acting, and directing problems of recent plays.

SCH. 507.—Classical Rhetoric (Ancient and Medieval). 3 credits.
11:00 daily. AD 206.
History of rhetorical theory; works of classical writers.

SCH. 510.—Scientific Bases of Speech. 3 credits.
8:00 daily. AD 239.
Scientific material fundamental in understanding the speaking process.

SCH. 511.—Seminar in Hearing. 3 credits.
11:00 daily. AD 357.
Normal and abnormal hearing; methods of testing; use of aids.

SCH. 512.—Seminar in Stuttering. 3 credits.
10:00 daily. AD 358.
Theories of the etiology and therapy of stuttering.

SCH. 515.—Applied Phonetics. 3 credits.
10:00 daily. AD 206.
Analysis of the sounds of speech; dialects; foreign languages.

SCH. 518.—Correction of Speech Defects. 3 credits.
9:00 daily. AD 237.
Diagnostic and corrective procedures in the more complex speech defects.

SCH. 520.—Experimental Problems in Speech. 3 credits.
8:00 daily. AD 237.
Students enrolling for this course must have permission of head of department.

SCH. 522.—Clinical Practice. 3 credits.
2:00-4:00 daily. AD 358.
Supervisory practice in clinical methods.

VETERINARY SCIENCE

GRADUATE COURSES

VY. 543.—Problems in Animal Pathology. 1 to 4 credits. Prerequisite: Consult major Professor.
STAFF.

VY. 545.—Problems in Animal Parasitology. 4 to 8 credits. Prerequisites: BLY. 208, 209 and BCY. 301.
STAFF.

The University Record of the University of Florida

Current Research and Publications

For the Academic Year Ending

June 30, 1950

Vol. XLVI *Series 1, No. 3* *March 1, 1951*

Published monthly by the University of Florida, Gainesville, Florida
Entered in the post office in Gainesville, Florida, as second-class matter, under Act of Congress, August 24, 1912
Office of Publication, Gainesville, Florida

The Record comprises:

The Report of the President to the Board of Control, the Catalog, the Bulletin of the Summer Session, the Schedule of Courses for each term or semester, the University Directory, and various bulletins on regulations and policies.

These bulletins will be sent gratuitously to all persons who apply for them. The applicant should specifically state which bulletins or what information is desired. Address

THE REGISTRAR,
University of Florida
Gainesville, Florida

University of Florida

CURRENT RESEARCH

and

PUBLICATIONS

for the

Academic Year Ending

June 30, 1950

UNIVERSITY OF FLORIDA
1950
State Board of Education

Fuller Warren.....Governor

R. A. Gray.....Secretary of State

J. Edwin Larson.....State Treasurer

Richard Ervin.....Attorney General

Thomas D. Bailey, *Secretary*.....State Superintendent of Public Instruction

Board of Control of Florida
INSTITUTIONS OF HIGHER LEARNING

Frank M. Harris, *Chairman*.....Attorney-at-Law
St. Petersburg, Florida

Eli H. Fink.....Attorney-at-Law
Jacksonville, Florida

N. B. Jordan.....Banker
Quincy, Florida

Hollis Rinehart.....Attorney-at-Law
Miami, Florida

George J. White.....Banker
Mount Dora, Florida

William F. Powers.....*Secretary of the Board of Control*
Tallahassee, Florida

ACADEMIC COUNCIL

J. Hillis Miller, M.A., Ph.D., LL.D., Litt.D.....President of the University
John Stuart Allen, Ph.D.....Vice-President of the University
William Tobias Arnett, M.A. in Arch—
Dean of the College of Architecture and Allied Arts
Robert Colder Beaty, M.A.....Dean of Men
Alvah Alden Beecher, M.M.....Director of Music
Marna Venable Brady, Ed.D.....Dean of Women
Harley Willard Chandler, M.S.....Dean of the University
Henry Anderson Fenn, Ll.B.....Dean of the College of Law
Perry Albert Foote, Ph.D.....Dean of the College of Pharmacy
J. Wayne Reitz, Ph.D.—
Provost for Agriculture and Acting Dean of the College of Agriculture
Richard Sadler Johnson, B.S.P.....Registrar
Winston Woodard Little, M.A.....Dean of the University College
Walter Jeffries Matherly, M.A., Ll.D.—
Dean of the College of Business Administration
Harold Stephenson Newins, M.F.....Director of the School of Forestry
Ralph Emerson Page, Ph.D.....Dean of the College of Arts and Sciences
George Sheldon Price, Graduate USMA, Col. F.A.—
Professor of Military Science and Tactics
Bert Clair Riley, B.A., B.S.A.....Dean of the General Extension Division
Thomas Marshall Simpson, Ph.D.....Dean of the Graduate School
Dennis K. Stanley, M.Ed.—
Dean of the College of Physical Education, Health and Athletics
Joseph Weil, M.S.....Dean of the College of Engineering
Rae O. Weimer.....Director of the School of Journalism
Stanley LeRoy West, Ll.B., B.S. in L.S.....Director of University Libraries
Joseph Benton White, Ph.D.....Dean of the College of Education
W. Max Wise, Ed.D.....Dean of Student Personnel

RESEARCH COUNCIL

Roland B. Eutsler, *Chairman*

J. R. Beckenbach
V. W. Clark
Fred H. Hull
C. B. Pollard
T. M. Simpson
P. M. Tedder

TABLE OF CONTENTS

The research studies in this report are listed in three groups:

A). Faculty research — by fields of study arranged alphabetically by authors followed by graduate theses and dissertations in each field.

B.) Organied research agency projects.

C). Publications sponsored by the University of Florida.

Foreword and Introduction 6

Faculty Research and Publications

Agriculture 7
Architecture 10
Art 11
Biology, Botany, Bacteriology and Zoology 12
Business Administration and Economics 21
Chemistry 24
Education 28
Engineering 44
Forestry 48
Geography 50
Geology 51
History 51
Journalism 56
Language and Literature 56
Law 62
Mathematics 64
Pharmacy 68
Philosophy 69
Physical Education 70
Physics 71
Political Science 73
Psychology 75
Sociology and Anthropology 77
Speech 81

Organized Research Agencies

Florida Agricultural Experiment Stations..... 83
Florida Engineering and Industrial Experiment Station.....103
Cancer Research Laboratory.....109
Bureau of Economic and Business Research.....111
Bureau of Educational Research.....113
Project in Applied Economics.....114
Public Administration Clearing Service.....114

University of Florida Publications.....115

FOREWORD AND INTRODUCTION

This report is a compilation of the research activities and scholarly publications of the University of Florida. Its purpose is to provide a bibliographical record as well as to provide information about this phase of work of the University of Florida.

In format, a brief description is given of the research of the teaching faculty since no other University publication carries a description of this work. These are arranged alphabetically by fields, and citations are made for those completed and published. Included in each field are the graduate theses and dissertations giving the author and the name of the faculty member who directed or supervised the work. The projects sponsored by the organized research agencies are listed under each agency — The Agricultural Experiment Station, The Engineering and Industrial Experiment Station, The Bureau of Educational Research, The Bureau of Economic and Business Research, The Cancer Research Laboratory, The Sloan Project in Applied Economics, and The Public Administration Clearing Service. Publications of these agencies are also listed. A final compendium lists the publications sponsored by the University of Florida.

A mere listing of the research in progress at the University of Florida does not evaluate its significance and its contributions. A true university is both a center of learning and a center for increasing knowledge. Much of the work of the University of Florida is concerned with research. There is no adequate measure of the contributions which this research has made to a more effective teaching program, to an expansion of the frontier of knowledge, and to the practical solution of every day problems. Suffice it to say that these contributions have done much to make the University of Florida a significant factor in the lives of the people of Florida and in the progress of the State.

Inquiries concerning any of the materials listed in this report may be addressed to the author, the chairman of the Research Council, or the administrative research unit indicated.

AGRICULTURE

(See also: Agricultural Experiment Station, page 83)

Drienke, W. A.

Freezing Point Studies on Cream

Freezing point determinations were made on cream separated from fresh milk and also on some of the same cream after acid had developed in it and again after the acid had been neutralized with an alkali. Coupled with pH and titratable acidity data, the freezing points of cream samples are useful in evaluating the quality of the cream.

Hetrick, L. A.

Determination of the Effectiveness of New Insecticides for the Control of Subterranean Termites

Evaluation of the toxicity of new synthetic organic insecticides, the dosages required for effective soil treatment, and the duration of effectiveness of these compounds against subterranean termites. Laboratory evaluations as well as evaluations on existing termite infestations are being made.

Senn, P. H.

Genetic Studies on Lupines

Genetic studies of certain vegetative, flower, fruit and seed characteristics in the Genus *Lupinus*. Breeding techniques among several species of *Lupinus* and factors influencing crossability are included.

Watkins, John V.

Selective Breeding in Hemerocallis

This work has been in progress for many years and will continue indefinitely. Eight originations have been released and numerous articles and pamphlets have been published.

Graduate Theses and Dissertations

(Names in parentheses signify the director of the research)

Burnside, Jr., Joseph Edgar
(Cunha, T. J.)

Need and Interrelationships of Vitamin B_{12} Animal Protein Factor, Soil, and Methionine for the Pig

Folks, Jr., S. John
(Cunha, T. J.)

The Value of Various Supplements for Sows Fed on Pasture During Reproduction and Lactation

Garrott, William N.
(Hamilton, H. G.)

Costs and Margins for Marketing Early Irish Potatoes in the Southeastern Region

Henson, Jr., Jess Newton
(Davis, G. K.)

Interrelationships of Copper and Molybdenum upon Phosphorous Metabolism and Alkaline Blood Phosphatase in Cattle

Hoover, Maurice W.
(Garris, E. W.)

A Study of the Food Preservation Program in the Alachua County High School Canning Centers

Hoyt, Charles
(Watkins, J. V.)

A Study of Synonymy in Chinese Hibiscus in Florida

Jones, David Wilson
(Neller, J. R.)

A Soil Study of Fertilizer Phosphates on Immokalee Fine Sand in Relation to Pasture Yield and Animal Response

Maguire, Robert J.
(Brooks, III, J. H.)

A Study of Bulb Culture for Gardens in Florida

Murphree, Clyde Elwyn
(Hamilton, H. G.)

Marketing Florida Eggs by Firms Operating Truck Pickup Routes

Neel, William Wallace
(Creighton, J. T.)

The Biology, Life Cycle, and Control of *Dermatobia Hominis* (Linn) in Costa Rica

Ozaki, Charles T.
(Smith, F. B.)

Sulfur Fertilization of Florida Soils

Pace, James E.
(Glasscock, R. S.)

The Feeding Value of Citrus By-Products for Growing and Fattening Steers

Patterson, Richard McCarthy
(Harris, H. C.)

Sweetclover and White Clover Responses to Certain Microelements in Greenhouse Experiments

Shih, Shui-Ho
(Valk, G. M.)

Factors Affecting the Nitrifying Power of Certain Florida Soils

Singer, Leon
(Davis, G. K.)

The Metabolism of Phosphorus, Copper, and Molybdenum
Their Interrelationships in the Animal Organism

Smith, Henry Jefferson
(Brooks, III, J. H.)

A Study of the Effects of Several Storage Treatments upon the Growth Response of Corms of Gladiolus Picardy

Smith, Leonard Charles
(Thornton, G. D.)

Some Effects of Dichloropropane-dichloropropene (D-D) Ethylene

Dibromie (EDB) and Chloropicrin on the Activities of Certain Groups of Soil Organisms

Thompson, Buford Dale
(Weber, G. F.)

Prepackaging and Its Effects on the Quality of Florida Sweet Corn

Thor, Eric
(Hamilton, H. G.)

Statistical Analysis of the Factors Affecting the Price of Florida Oranges

White, Robert Charles
(Hamilton, H. G.)

An Analysis of the Florida Citrus Growers Clearing House Association

Wofford, Irvin Mirle
(Harris, H. C.)

Response of Crimson Clover and Hegari to Certain Minor Elements Under Greenhouse Conditions

Ziegler, Louis William
(Davis, J. H.)

Moisture Saturation of Leaf and Twig of Certain Species and Varieties of Citrus as an Indication of Soil Moisture Conditions

ARCHITECTURE

Roster of Architects Offices in Florida

The compilation of a roster of architects' offices in the State of Florida giving the names of the principals, the location of the office, the year established, the size of the office, the type of practice, and similar information. (A project of Bureau of Architectural and Community Research)

Bau, Daniel T.

Analysis and Design of Structures for Architects

This project covers the general field of structures in reinforced con-

crete, steel, wood, and truss, with emphasis on the basic fundamentals and their application to practical problems for the architects.

Chotas, Nicholas E.

A Study of Contemporary Hellenic Architecture

A study of methods, trend in design and the philosophy involved in contemporary examples of Greek architecture.

Grand, John L. R. and others

Project Method in Architecture

Analysis of previous experiences to develop a teaching method in architecture to teach it as a unity by reducing the fragmentation of subject matter to a minimum by blending all into a correlated whole, and by seeking constantly a more perfect synthesis so that each student may travel at his own speed according to ambition, experience, proficiency, without regard to the progress of other students or to University time limits.

Pullara, Anthony L.

Climatology Approach to Architectural Design

The study entails a micro-analysis of weather phenomena for the Tampa Bay area on the west coast of Florida; to study case histories of homes and buildings that have suffered materially through the nature of the local weather; and to formulate criteria to assist in design of homes and buildings to utilize every advantage of the weather and to control the lesser desirable features of the local elements.

ART

Anderson, E. A., and others

Study of the Development of the Creative Process Within the Individual

An analysis of the creative act (confined for the majority of text to the production of paintings) as its development relates itself to the growth, education and maturation of the artist.

Cox, Doris and Warren, Barbara

Creative Hands — John Wiley and Sons, Inc., New York, 1950

Creative Hands is a textbook on design and craft techniques. This edition represents a revision of the first edition which was published in 1945 and includes material on leather work not included in the original edition. The book is used in beginning craft courses in college art and home economic departments.

Warren, Barbara

Art Criticism Terminology

A compilation of interpretations of terms frequently used in aesthetics and art criticism. The scope of the research will also illustrate the evolving philosophy underlying the creative process. Periods from which interpretations are being selected include Renaissance, Baroque, and Modern and, in so far as is possible, the interpretations will come from writings of recognized painters, sculptors and architects of those periods.

BIOLOGY, BOTANY, BACTERIOLOGY AND ZOOLOGY

Brodkorb, Pierce

Birds of Chiapas, Mexico

A survey of the bird fauna of the State of Chiapas giving details of distribution on each species and sub-species of bird known to occur within the state, and natural faunal areas on this basis. This is the first comprehensive report on the birds of a Mexican state.

Birds of Oaxaca, Mexico

A survey of the bird fauna of the State of Oaxaca. This is a sequel to the Birds of Chiapas and is similar in scope.

Geographical Variation in the Gray Kingbird

Revision of the subspecies and characters of *Tyrannus dominicensis,* with description of three new races from Florida and the West Indies.

Notes on Florida Birds

Taxonomy and distribution of the loon and other species of birds in Florida.

Pleistocene Bird Remains from Florida

Identification of bird bones from Pleistocene deposits in North Florida.

Textbook of Ornithology

The Biology of Birds, including chapters on the structure classification, physiology, and natural history of this class.

The Number of Feathers in Certain Birds

Variation in the number of feathers present in different species of birds.

The Periods of Activity in Birds of North Florida

The time of awakening of different species of birds and the time at which the daily activity ceases. A comparison of the time of activity is being made in relation to sunrise and sunset, and to the daily rise and fall in body temperature.

Byers, C. F.

The Odonata of Mountain Lake, Virginia

A faunal study of the kinds and distribution of the Odanata (Dragonflies) collected at Mountain Lake, Virginia in the summer of 1949.

Goin, Coleman J.

Studies of Evolution on the Genus *Eleutherodactylus*

A study of the morphology, genetics, life history and geographic distribution of the frogs of the genus *Eleutherodactylus,* particuarly in the British West Indies.

Grobman, Arnold B.

Distribution of Amphibians of the Genus *Desmognathus* in the Southern States

This investigation is concerned with the geographic distribution of three races of salamanders. The more important factors that seem to influence the distribution of these animals are the types of soils; drainage patterns; and physiography. The geographic picture that is emerging is considerably different from that found in the existing literature.

A Revision of the Snake Genus *Cemophora*

As currently recognized, the snake genus *Cemophora* includes one species. A study of available specimens indicates that three geographic races should be distinguished. One race is confined to peninsular Florida.

A Re-Evaluation of the Nuincry Theory as Applied to the Nuinics of the Coral Snake

One of the classical examples of nuincry in reptiles concerns the poisonous coral snake and the harmless, but similarly colored and patterned, scarlet snake and scarlet king snake. Evidence is being accumulated to demonstrate that, perhaps, another explanation may be given for this remarkable parallelism in pattern and color.

The Description of a New Species of Amphibian from the Mountains of Virginia — *Proceedings of the Biological Society of Washington,* August, 1949, Vol. 63, Pp. 135-142

Grobman, Arnold B. and Russell, William

Genetic Effects of Radiation

In general terms the overall project is concerned with the genetic effects of radiations. Mice are being used as the experimental animals. The present investigation is a small part of the general program of research at the Oak Ridge National Laboratory under the direction of Dr. William Russell, Principal Geneticist, Oak Ridge National Laboratory.

Jones, E. Ruffin, Jr.

Notes on Some Turbellaria of the Eastern United States

A study of the occurrence and distribution of *Turbellaria,* especially in Massachusetts, Virginia, North Carolina and Florida with notes on anatomy and other unusual facts.

Observations on Terrestrial and Semiterrestrial *Turbellaria* of the Southeastern United States

Almost nothing is known of the terrestrian *Turbellaria* of the United States except for the larger Triclads. The present work was undertaken to determine their occurrence, numbers, distribution and possible role in the soil.

Studies on the Turbellarian Fauna of the Norfolk Area IV: Ecology and Distribution

This investigation includes a study of the ecology and distribution of 50 species of Turbellaria which were collected from the Norfolk area.

The Family *Prorhynchidae* in Eastern North America

A study of the ecology and distribution of this rather widely distributed family. Little work has been done on this group in North America.

The *Turbellaria* of Florida

The *Turbellaria* of Florida are being studied from the standpoint of their morphology, taxonomy, ecology, distribution and evolutionary relationships.

Leavitt, Benjamin B.

Life History and Food Habits of the Florida Bobcat: *Lynx rufus floridanus Rafinesque*

A continuing series of collections and observations of the Florida Bobcat. Particular attention being directed toward determination of breeding habits; season, number of young, and sex ratio. Food habits as determined by stomach contents analyses being recorded in order to determine suitable recommendations as regards its position in nature as a predator on wildlife in protected areas.

McLane, William M.

Food of the Largemouth Black Bass, *Micropterus salomoides floridanus* (LeSeur) in Buck Pond, Florida

The fishes of Buck Pond were all killed by the application of derris poison. Approximately the total population of black bass was obtained and form the material on which this study was conducted. Data are presented on size groups, stomach contents, and food availability of the bass. The results of this study clearly show that the use of derris poison as a method of obtaining bass for food studies will greatly alter the results obtained and will give an inaccurate picture of the normal food of bass.

Geographic Variation of the Flat-headed Catfish, *Ameirus platycephalus* (Girard) with Description of a New Subspecies from Florida

The ameiurd catfish, *Ameiurus platycephalus,* occupies a range extending from North Carolina southward along the coastal plain to Florida and in the Gulf of Mexico drainage of the streams of Western Florida. Over sixty morphological characters were used in this study of the geographical variation in this species throughout its range. A north-south cline was demonstrated for six characters. The population present in the St. Johns River drainage represents the southernmost terminal element in this cline. The populations in the Suwannee and Apalachicola River drainages were found to represent a new subspecies which is described in this paper. Some natural history data on the species is presented concerning food and breeding season.

Oliver, James Arthur

An Investigation of the Known Species of Lizards of the Genus *Anolis* Occurring in Florida — *Copeia,* March, 1950, Vol. 7, No. 1

An analysis of the native and introduced species of the lizard genus *Anolis* is being made for the State of Florida. Several species are known to have been introduced into the State and are now established there. Additional exotic species are expected to occur in Florida.

An Analysis of the Lizard Fauna of the Bahama Islands

The lizard population of the Bahama Islands is being studied and the principle zoogeographic patterns blocked out. A series of papers will be published, the first of which have already appeared in print.

Life History Studies of Florida Lizards

This is a long-term project to determine the ecological fauna, particularly the lizards inhabiting an area of turkey oak that borders a narrow hammock strip.

A Study of the Life History of the "American Chameleon" *Anolis carolinensis*

This is a study on the habits, distribution, ecological relations, and mode of life of the "American Chameleon" in Florida.

Redfearn, Paul L., Jr.

The Bryophytes of Central and Southern Florida

This is a study of the bryophytes of central and southern Florida including an annotated list of species and a discussion of the ecology of the species from this area.

Wallace, H. K.

Study of Spiders (Order Aranea) Their Taxonomy, Ecology, Geography, Life History, etc.

This is a continuing project on the taxonomy, life history, and ecology and distribution of spiders particularly of Florida. At the present time the main emphasis is on the Lycosidae (wolf spiders) and the Salticidae (jumping spiders) but all spiders are collected and preserved in anticipation of future work on other groups.

The Spiders of the Mountain Lake Region in Virginia

This study involves the collection and identification of the spiders that occur in the vicinity of the Mountain Lake Biological Station, Virginia, together with a study of the ecology and habitat distribution of these spiders. The data secured will be analysed and compared with that of other regions. Since Mountain Lake is at an elevation of 4,000 feet this data will be of interest in determining the effects of elevation and climate on distribution.

Graduate Theses and Dissertations

(Names in parentheses signify the director of the research)

Barco, Jr., Claude Keigwin
(Carroll, W. R.)

Metabolic Mutations Induced in *Shigella sonnei* by X-Ray radiation

Blank, Orville Edgar
(Sherman, H. B.)

A Histological Study of the Alimentary Canal of the Cotton Rat, *Sigmodon Hispidus,* Exclusive of the Mouth
(Blank, O. E., "A Histological Study of the Alimentary Canal of the Cotton Rat, *Sigmodon Hispidus,* Exclusive of the Mouth." *Anat. Rec.,* Vol. 108, No. 3, p. 421 [1950]).

Baumel, Julian J.
(Brodkorb, Pierce)

Comparative Osteology of the Fish Crow and the Common Crow

Corbin, Oliver Wayne
(Emerson, R. L.)

Isolation and Identification of Microorganisms Occurring in the Fermentation of Spanish Moss

Davidson, Seymour L.
(Emerson, R. L.)

The Physiology of Acetic Acid Bacteria

Dickinson, Jr., Joshua C.
(Brodkorb, Pierce)

Geographical Variation in the Towhee, *Pipilo Erythrophthalmus* (Linnaeus)
(Accepted for publication by Univ. of Fla. Press)

Edson, Seton N.
(Novak, A. F.)

Microbiological Assay for Boron in Soils

Favata, John Joseph
(Emerson, R. L.)

Induced Resistance to Antibiotic Substances

Frazier, Dwight Earoll
(Carroll, W. R.)

A Comparative Study of Cultural Methods for Diagnosis of *Corynebacterium Diptheriae* Infections

Graves, Robert Arthur
(Carroll, W. R.)

The Application and Evaluation of "Carrying" Media for *Neisseria Gonorrhoeae*

Gurganious, Jr., Edgar Wallace
(Carroll, W. R.)

An Evaluation of Media for the Cultural Diagnosis of Tuberculosis

Hazlett, Jr., William I.
(Novak, A. F.)

The Nutritional Requirements of the Autotropic Sulfur Bacteria

Herring, John Lamar
(Berner, Lewis)

The Biology and Ecology of the Aquatic and Semi-aquatic Hemiptera of Northern Florida, Exclusive of Shore Bugs
(Herring, J. L. "The Biology and Ecology of Semi-Aquatic Hemipetera of Northern Florida: I Gerridae," *Fla. Ent.*, Vol. 33, No. 1, [1950]; and "II Mesoveliidae;" Vol. 33, No. 4, [1950] and III; Vol. 34, No. 1, [1951])

Keys, Reginald J.
(Carroll, W. R.)

Development and Application of Rapid Diagnostic Tests in Enteric Bacteriology

Kilby, John Davis
(Grobman, Arnold)

The Fishes of Two Gulf Coastal Marshes of Florida

McElrath, Jr., Hunter Budd
(Carroll, W. R.)

Salmonellosis in Dogs in Florida

Miller, Don P.
(Emerson, R. L.)

The Nutritional Requirements for Sporulation by Various Industrial Yeasts

Miller, Robert Bannerman
(Davis, J. H.)

Ecological Comparisons of Plant Communities of the Xeric Pine Type on Sand Ridges in Central Florida

Moody, William Dean
(Pierce, E. L.)

A Study of the Natural History of the Spotted Trout, *Cynoscion*

nebulosus, in the Cedar Key area
(Moody, William D., "A Study of the Natural History of the Spotted Trout, *Cynoscion nebulosus*, in the Cedar Key Area," *Quarterly Journal,* Fla. Acad. Sc., Vol. 12 and 13, [1949 and 1950])

Nokay, Naime
(Novak, A. F.)

Fat Production by Rhodotorula Gracilis

Rushin, Napoleon B.
(Emerson, R. L.)

Bacteriological Examination of Spanish Moss Fermentation

Schneider, Nathan Joseph
(Carroll, W. R.)

Development and Evaluation of a Rapid Slide Agglutination Test for *Pasteurelia Tularensis*

Scott, Thomas A.
(Carroll, W. R.)

The Diagnosis, Control, and Prevention of Bovine Mastitis

Senterfit, Lawrence Benfred
(Novak, A. F.)

The Effect of Chemical Substances upon Bacterial Radiation

Singer, David Earl
(Carroll, W. R.)

A Comparative Study of Culture Media for the Isolation of Enteric Pathogens

Stucker, Calvin L.
(Carroll, W. R.)

Cultural Methods for the Diagnosis of Enteric *Salmonella* Infections

Swindell, Jr., David Eugene
(Leavitt, B. B.)

Plant Communities and Other Factors Affecting the Deer and Turkey

Populations in Gulf Hammock
(Accepted for Publication by Florida Game and Fresh Water Fish Commission)

BUSINESS ADMINISTRATION

(See also: Bureau of Economic and Business Research, Page 111)

Brand, Michael

The Regulation of Industrial Location

An attempt to determine the major principles upon which the regulation of industrial location should depend. Taking into account the facts that industry will be located by private enterprise, but will in part be guided by governmental activities such as taxation, utility and transportation rates, etc. The problem of surplus labor and unemployment in certain areas and government's attempt to bring industry into these areas will also be considered as will direct governmental projects of the TVA type.

Bigham, Truman C. and Roberts, Merrill J.

Transportation: Principles and Problems

Revision of "Transportation: Principles and Problems" by T. C. Bigham (McGraw-Hill, 1946). Several new chapters added, especially on economic aspects of transportation, fuller analysis of selected problems, and thorough revision of old chapters to be retained in the new edition.

Crawford, C. M.

A Study of Gainesville Family Radio Listening Habits

A report indicating the results of a survey conducted in Gainesville, Fla. on the subject of radio program listening habits. Inquiries were made along the lines of favorite types of programs, favorite times of listening, and allied topics.

Dale, Leon A.

French Labor in Transition

An analysis of the French labor movement showing the interaction of economic and political doctrines, with emphasis on recent developments.

Dietz, John W.

Federal Regulation of the Natural Gas Industry

A continuing study of regulation in this field.

Emory, C. William

A Reappraisal of Department Store Expense Control

An analysis of existing expense control techniques in department stores as well as the development of more effective control methods. Basically a study of control philosophy with application of the theories developed to a case study situation.

Hodges, Henry G.

Industrial Management

Principles and practices of industrial management, including such topics as organization, plant and equipment, motion and time study practices, material and production controls, methods of wage determination, buying, selling, and personnel practices.

Karp, J. Robert

Studies in the Structure of the Interest Rates

The studies involve a theoretical, historical and statistical approach in the analysis of the risk, maturity, expectational and institutional factors which gave rise to the differentials in the interest rates.

Kennedy, John W.

A History of the Textile Workers Union of America — CIO

This history of TWUA — CIO includes an economic analysis of the industry, an account of the activities of union in the field prior to the time of TWUA, an account of the growth of the union, wages since the time of the union's birth, the structure of the union, its leadership, and certain problems facing it in its attempt to organize southern textiles.

Kennedy, John W., Calohan, C. E., and Robertson, A. J.

A Manual of Problems for Elementary Economics

A manual designed to aid students in understanding more fully some of the basic concepts in value and distribution theory.

Lanham, James S.

Elementary Accounting Text Book

This project is the preparation of an elementary text in accounting to be used by first year students on the university level.

Matthies, William R.

Studies in Auditing

A study of the field of auditing in an attempt to develop some teaching aids for this subject, such as: (1) A set of audit working papers, (2) Auditor's evidence, and (3) Problem material which can be used as the basis for class discussion.

McFerrin, John B.

Blue Sky Laws of Southeastern States

This is an analysis of the statutes of the southeastern states governing the issuance of new securities and the regulation of security dealers. A critical comparison of the contents of the statutes of the various states is made.

Sweeney, Victor V.

Insurance Companies

A chapter for a book entitled "Financial Institutions" to be published by Prentice-Hall.

Tuttle, F. W.

History of the Florida Automobile Dealers Association

The Florida Automobile Dealers Association has been organized 25 years, and it is the desire of the Executive Committee of that organization to have written up a record of the functioning of this organization during its life time. (Pamphlet published by Florida Automobile Dealers Association, 1950)

Graduate Theses and Dissertations

(Names in parentheses signify the director of the research)

Howard, Dorothy M.
(Hardy, F. K.)

Cooperative Marketing of Citrus

Marcum, James Sidney
(Oliver, C.)

The Development of Organized Labor Since 1946 in Several Southeastern States

CHEMISTRY

Heath, Fred H.

Analytical Chemistry of Fluoborates

Due to increasing and important industrial uses of various metal fluoborates, better analytical methods for them become desirable.

Heath, Fred H. and Craig, P. H.

Some New Uses for Ozone

Investigation of efficient production of ozone, measurement of its concentration, and new uses for it.

Pollard, C. B.

Derivatives of Piperazine

Study of derivatives and various substituent groups with respect to physiological activity.

Pollard, C. B. and Novak, A. F.

Studies of Snake Venom

Rietz, Edward G., Snider, L. T., Fernandez, J. B., and Todsen, T. K.

Dimercaptals of Acetonylacetone II — *Journal American Chemical Society,* Oct. 1949, Vol. 71, p. 3433

All normal dimercaptols of acetonylacetone, methyl through dodecyl

have been prepared. Their sulfones and mercuric chloride derivatives have also been prepared and characterized.

A New Ketone Reagent

Thioglycollic acid forms crystallin derivatives with many ketones. Such derivatives have the unusual quality of permitting the determination of a neutral equivalent.

Rietz, E. G., Fernandez, J. B., Snider, L. T., and Chapman, R. L.

The Derivatives of Acetonylacetone

Four new sulfur derivatives of acetonylacetone have been prepared and will be submitted for inclusion under the *New Compounds* section of the Journal American Chemical Society.

Graduate Theses and Dissertations

(Names in parentheses signify the director of the research)

Barrett, William Jordan
(Gropp, A. H. — Black, A. P.)

The effect of Substituted Ammonium Compounds on Polarographic Maxima

Benjamin, Ben Monte
(Butler, G. B.)

Polymeric Quaternary Ammonium Hydroxides Through the Mannich Reaction on Phenols

Brent, Jr., J. Allen
(Hawkins, J. E.)

Distillation Studies I: Effect of Reduced Pressure on Packed Columns (Hawkins, J. E. and Brent, J. A., Jr., "Combination Sample Thief and Receiver for Operating Under Reduced Pressure" *Anal. Chem.*, Vol. 22, p. 374, [1950])

Bunch, Robert L.
(Butler, G. B.)

Preparation and Polymerization of Unsaturated Quaternary Ammonium Compounds
(Butler, George B. and Bunch, R. L., "Preparation and Polymeriza-

tion of Unsaturated Quaternary Ammonium Compounds," *Journal,* Am. Chem. So., Vol. 71, p. 3120 [1949])

Carter, Mary Eddie
(Butler, G. B.)

Polymerization Studies on Beta-Nitrostyrene Derivatives and Some of the Properties of the Polymers
(Butler, George B., and Carter, Mary Eddie, "Some New Substituted B-Nitrostyrenes," *Journal,* Am. Chem. Soc., Vol. 72, p. 2303, [1950])

Childers, Eugene
(Gropp, A. H.)

The Polagraphic Reduction of Mono-and Dialkyl Ammonium Halides

Fried, Melvin
(Tarrant, Paul)

The Preparation of Certain Alpha-Halogenated Acetamides

Goodson, Jr., James Brown
(Black, A. P.)

The Oxidation of Sulfides by Chlorine in Dilute Aqueous Solutions

Gudwani, Marais S.
(Pollard, C. B.)

Derivatives of Monophenyl Piperazine

Hunt, Harry Gage
(Hawkins, J. E.)

The Kinetics of the Thermal Isomerization of the Pinenes
(Hawkins, J. E. and Hunt, Harry, "The Rates of The Thermol Isomerization of Alpha-Pinene and B-Pinene in the Liquid Phase," *Journal,* Am. Chem. Soc., Vol. 72, p. 5618, [1950])

Ingley, Francis L.
(Butler, G. B.)

Polymerization Studies of Halogenated, Unsaturated Quaternary Ammonium Salts
(Butler, George B. and Ingley, Francis L., "Preparation and

Polymerization of Unsaturated Quarternary Ammonium Compounds, II, Halogenated Alkyl Derivatives," *Journal,* Am. Chem. Soc. Vol. 73, p. 895, [1951])

Lilyquist, Marvin Russell
(Tarrant, Paul)

Some Reactions of m-Aminobenzotrifluoride and its Brominated Derivatives

Nash, Jr., James L.
(Butler, G. B.)

Preparation and Polymerization of Vinyl Ethers of Unsaturated Alcohols

Parcell, Robert F.
(Pollard, C. B.)

The Dehydrohalogenation of Halo-Alkenylamines with Sodium Amide in Liquid Ammonia
(Pollard, C. B. and Parcell, Robert, "Tertiary Acetylenic Amines I" *Journal,* Am. Chem. Soc., Vol., 72, p. 2385 (1950) and "Tertiary Acetylenic Amines, II," *Journal,* Am. Chem. Soc., Vol. 72, p. 3312, [1950])

Riddles, Milton Jackson
(Gropp, A. H.)

The Effect of Digestion Times and Drying Temperatures on Gravimetric Chloride Determinations Using Sintered Glass Crucibles

Young, David Caldwell, Jr.
(Pollard, C. B.)

The Mechanism of the Leuckart Reaction

Young, John Adams
(Tarrant, Paul)

The Preparation and Reactions of Some Aliphotic Fluoroethers
(Tarrant, Paul and Young, John A., "The Preparation of Some Derivatives of Chlorofluoroacetic Acid," *Journal,* Am. Chem. Soc., Vol. 71, p. 2432 [1949])

and

Tarrant, Paul, and Young, John A., "A New Method of Preparation

of Esters of Difluoroacetic Acid," *Journal,* Am. Chem. Soc., Vol. 72, p. 1860, [1950])

EDUCATION

(See also Bureau of Educational Research, Page 113)

Alexander, Virgil W., and others

Teaching Materials Study

A study designed to enrich the quantity and quality of audio-visual aids, especially films, used in the pre-service education experience of students in the College of Education. (Supported by Teaching Film Custodians, Inc.)

Block, Herman H. and others

Terminal Technical Education in the Junior College in Florida

Investigation and analysis of demand in Florida for terminal technical education at the 2 year post-high school level. Integration and coordination with apprentice training program, technical high school curriculum, and the provision of the possible continuation of training at the senior college level for ultimate entry into the professional fields.

Cox, Donald W.

The Comics — Their Origin, Growth, and Influence

A survey of the development of the American comic strip and comic book, including their effects on language, the home, education and other cultural institutions.

Johns, R. L.

Arkansas State School Survey

A comprehensive state survey of the public elementary and secondary schools of the State of Arkansas. It is a commission-type of study involving a large number of participants. Numerous research studies will be presented under various chapter headings in the survey report.

A Survey of the Public Schools of Caddo Parish, Louisiana (In press, *George Peabody College)*

This study is an analysis of the school finance and business adminis-

tration policies of the Caddo Parish, Louisiana, Board of Education. Various statistical studies were made of present practices, and on the basis of these studies recommendations were presented for the improvement of finance and business administration practices.

A Survey of the Public Schools of Davidson County, Tennessee

This study is an analysis of the school finance and business administration policies of the Davidson County, Tennessee, Board of Education. Various statistical studies were made of present practices, and on the basis of these studies recommendations were presented for the improvement of finance and business administrative practices.

Johns, R. L. and Morphet, Edgar L.

Relation of School District Reorganization to Finance and Business Administration — *Review of Educational Research,* April, 1950, Vol. XX, No. 2

Kitching, Jr. Auman Eugene

An Evaluation of the Pre-Service Education of the Core Curriculum Teacher, University of Florida, College of Education

The elements being analyzed are: (1) experiences in teacher-pupil planning; (2) experiences in community school projects; (3) experiences in general education at the collegiate level; (4) experiences in keeping records of learning about children and in recording the educational experiences the school has provided for the pupils; (5) experiences in working with children in activities that cut across subject matters lines.

Leps, J. M.

Development of Manual on Pre-School and Post-School Planning

A manual is being prepared for the assistance of superintendents, supervisors, and principals in making the "Tenth Month" more effective. It is generally recognized by informed professional and lay citizens that the addition of the tenth month of critically needed time for the completion of records and reports, evaluation of programs in progress, and planning and preparation for the school program has been effective in improving education. The Department of School Principals of the Florida Education Association and other individuals and groups have suggested that a study be made for the purpose of obtaining objective information and data concerning the effectiveness of the "Tenth Month" program and

for planning to extend its effectiveness in improving Florida Schools.

Development of a Principals' Handbook for the Principals of Florida

This Handbook or Manual has been in process of development for several years. Principals' groups have cooperated in planning and the collections of the material. It is an analysis of the duties and responsibilities of the school principal in Florida and a statement of better practices. It will contain possibly fourteen or fifteen chapters, bibliography and references to school law, regulations of the state department of education, and court decisions of interest to principals.

Leps, J. M. and others

A Comprehensive Study of the Schools in Baker County, Florida

A comprehensive survey of the county system for organization, administration, and finance of the county school system, economic and cultural background of the county, and the personnel, instructional program, and physical facilities at each school center.

Lewis, Hal G.

Youth Program for America: A Critical Analysis of Four Selected Plans for Meeting the Needs of Youth in Modern America With Some Basic Tenets for a Successful Program

This study divides into three parts: Part I shows that changes in industry, home, neighborhood, and other institutions have created new educational needs for all youth of adolescent and post adolescent age. Part II takes four plans for meeting these needs and analyzes them critically. The four selected were national in scope, the modern high with its curriculum revision especially the rise of vocational education, the Civilian Conservation Corps and the National Youth Administration, compulsory universal military training as its proponents claim beneficial effects for youth, and the President's Commission on Higher Education. Part III sets forth certain tenets which a program must hold if it is to be successful in a society such as ours.

Loft, Bernard I.

A Campus-Wide Safety Program

An analysis of what can be done to reduce the accident curve which

in many instances has been on the upswing at some of our institutions of higher learning. (Accepted for publication by *College and University Business*)

McQuitty, John V.

Prediction of Statewide Twelfth Grade Norms

An experimental verification of the accuracy of state-wide twelfth grade norms predicted by assuming comparability of ability and performance for successive years and comparability of standard scores for different forms of the same test. (Completed through tests given in 1949 but extended to include the 1950 tests)

McQuitty, John V. and members of Com. on Vocational Guidance and Mental Hygiene

Vocational Guidance and Mental Hygiene — Practices in American Colleges

Mead, A. R.

A Study of the Scoring Formulas for True-False and Two Alternative Objective Tests

This is an attempt to determine the validity of the so-called McCall Formula for Scoring true-false tests. It was begun in 1928 and has had some additions made to it recently. The evidence so far shows that the formula is invalid, but we need to examine further to be sure of this evidence.

A Functional Program at the Master's Level for Teachers and School Administrators — *Educational Administration and Supervision,* Feb. 1950

This is a description of the plan and actual operation of the Master of Education Program at the University of Florida, dating from the summer of 1944. It is based on the records of the chairman of the General Supervisory Committee in charge of the program.

Laboratory Experiences in Teacher Education

This is a compilation of a great variety of projects some of which have been used, the purpose being to have available projects which are useful in connection with theory courses in education. It covers such

fields as child development, educational psychology, methods, educational administration, special method and courses in subject matter for teachers.

Studies in the Development of Attitudes

A compilation of the known information about the development of desirable social attitudes and the conditions under which these attitudes may be developed.

The Critic or Supervising Teacher at Work

This project was begun in cooperation with the Association for Student Teaching and Dr. Maycie Southall about ten years ago. It is an attempt to develop materials which may be used in teacher education programs for two purposes: first, to provide the professional education needed by supervising teachers and second, to provide material to be of assistance to supervising teachers who are in actual service.

The Money Value of an Education

This study attempts to derive certain indices of the social economic value of education and also the economic value of education in terms of the investment in an individual's life. It is based on studies made by two actuaries Doublin and Lotke.

Mead, A. R. and Dougherty, Blanche

Achievements of Children in Old-Fashioned Schools and Modern Schools

This is a study of the achievements of children in schools in a few Florida counties in which measurements in achievement were made with the same instruments and in the same schools as was done in the state survey of 1928. To these data there is being added the materials from other studies made in other parts of the country, which studies bear upon the problem here.

Mead, A. R. and others

Socially Useful Experiences in Our Public Schools

A compilation of descriptions of actual projects used by teachers and school administrators which have both social and educational value of importance. This was begun about 8 years ago and has had additions made to it recently.

Moorman, John H.

Basic Economic Concepts — Southwestern Publishing Co., Cincinnati, Dec. 1949, Monograph 73

A monograph listing 359 economic concepts defined as basic in the high school curriculum. The procedures used in selecting the concepts are described.

Trujillo, Vidal and Welch, Lydia

Teaching a Second Language to Children

The teaching of Spanish in the elementary grades of the P. K. Yonge Laboratory School is organized as an activity program. This project evaluates the techniques used.

Weaver, J. Clark

Radio Listening Habits of the 3, 4, 5, 6th Grade Students in the Schools of Gainesville, Florida

This study is being done in an effort to discover specifically not only the nature of the programs to which they listen but to determine if there is any correlation between their listening habits and the social and cultural level of the children. The time of day, and night, the children listen may present an interesting *more* cultural living combination.

Graduate Theses and Dissertations

(Names in parentheses signify the director of the research)

Alonzo, Braulio
(Clara Olson)

Accelerated High School Education in Hillsborough County

Ashmore, Henry Ludlow
(Johns, R. L.)

An Evaluation of State-Supported Campus Laboratory Schools in Selected Southeastern States

Bailey, David Elmer
(Greene, Eleanore)

A Study of Hillsborough County's History, Legend, and Folklore, with Implications for the Curriculum

Bergengren, Jr., Roy F.
(Williams, Walter)

A Study of Florida's Diversified Cooperative Training Program

Blanchard, Helen Wells
(Olson, Clara)

The Development of the Florida Internship Program form 1939 to 1949

Bolick, Jr., Ralph Eugene
(Mead, A. R.)

The Attitudes and Interests of Men Students Toward Required Physical Education at the University of Florida

Braddock, Wilton Lee
(Olson, Clara)

Human and Natural Resources of Duval County: A Resource Unit for Elementary Schools

Brewton, Margaret
(Olson, Clara)

A Study of the Use of the Newspaper in Promoting School Community Relationships

Butler, Valery Dekle
(Moorman, John)

Business Education Program in Washington County High School

Byers, Lois Wager
(Olson, Clara)

The Status of Home Room Programs in the Secondary Schools of the State of Florida

Carter, Patricia Hadaway
(Olson, Clara)

The Trail of Tears: An Historical Narrative

Cassanova, Sister M. James Therese
(Johns, R. L.)

The History and Work of the Adrian Dominican Sisters in the Florida Area

Cheney, Max Wilton
(Williams, W. R.)

A study of Industrial Arts in the Colleges of Florida

Collins, Helen Monterey
(Black, J. H.)

An Examination of the present Status of Conservation of Hearing for Florida School Children

Crews, Essie Jane
(Olson, Clara)

An Evaluation Study of the Program of the Hilliard Elementary School

Cumbee, Azilee Gravitt
(Williams, W. R.)

A Study of the Racial Attitudes of Children in the Newberry (Florida) High School

Dasher, Doris Reynolds
(Moorman, J. H.)

An Experimental Study of the Effect of Instruction in Typewriting upon Achievement in Spelling and Reading in the Sixth Grade

Deasy, Sister Mary Una
(Cumbee, C. F.)

The Social Relationships of a Group of Fifth Grade Children

Dennis, Eunice Margot
(Brown, Carl F.)

A Study of the Elementary School Assemblies in Polk County

Dodson, Mary Elizabeth
(Moorman, J. H.)

The Development of Special Materials to be Used in a Speed Approach to Beginning Typewriting

Dodson, Vernon Everett
(Leps, J. M.)

A Survey of the School Lunch Program in Selected Florida Counties

Douglass, Louise Elizabeth
(Moorman, J. H.)

A Follow-up Study of Selected 1939-1948 Lake Worth High School Graduates Who Received Instruction in Business Education

Fichter, Olive Whitten
(Black, J. H.)

A Study of the Relation Between the Social and Economic Circumstances of the Home and the Educational and Recreational Needs of Children in Hawthorne Elementary School

Galbraith, Laura Harllee
(Olson, Clara)

A Diagnostic Study of the Ninth Grade of High Springs High School

George, Betty Mae
(Olson, Clara)

Required Physical Education Programs for Women in the State-Supported Universities

Gornto, Susie Weeks
(McLendon, Ida Ruth)

Resources and Techniques Used in the Development of the Small Rural Community School

Gross, Ruth Harrison
(Wofford, Kate)

A Study of the Recreational Needs and Interests of the Fourth, Fifth, and Sixth Grades of Venetia School

Hailey, Sally Frank
(Wofford, Kate)

A History of the Supervisory Program in the Elementary Schools of Sarasota County from the Date of Organization of the County, July, 1921 to 1949, with the Appraisal of Present Supervisory Program.

Hall, William Ralph
(Johns, R. L.)

An Analysis of Masters Theses in Education at the University of

Florida (1912-1950) With Respect to Subjects, Methods of Research, and Techniques of Research

Hand, Will M.
(Hines, Vynce)

A Comparison and Analysis of Scores in Self and Social Adjustment Made on the California Test of Personality and the Bernreuter Personality Inventory

Hanft, Elise Henson LaBree
(Olson, Clara)

Adjusting the Curriculum of the Annie Lytle School of Jacksonville, Florida to the Changing Community

Harlan, William Edwards
(Eggert, C. L.)

A Study of Boxing in Selected Colleges and Universities

Harrison, Thomas Felton
(Leps, J. M.)

A Study of the Human Resources of St. Lucie County as a Basis for School Planning

Hill, J. O'Neal
(Williams, W. R.)

The Turpentine Industry — A Study Pertinent to Industrial Arts Instruction in the Seconary Schools

Houston, Mabel Hayes S.
(Olson, Clara)

A Study of a Group of Slow Learners in the Palatka Elementary School

Johnson, Louise Grantham
(Williams, W. R.)

A Diagnostic Study of Learning Difficulties of a Group of First Grade Pupils of the Central Elementary School Ocala, Florida, 1947-1948

Jones, Jr., John Furman
(Foster, C. R.)

A Study of the School-Community Recreation Programs in Florida

Kelly, Faye Lucius
(Olson, Clara)

A Study of the Spelling Disabilities of a Group of Eighth Grade Children in a Selected Florida School

Kickliter, Helen Brown
(Wofford, Kate)

Beginning a Program for Meeting the Problems of Children

Kocher, Ned
(Henderson, Leon)

Activities of Fifty Parent-Teacher Associations of Various States in Comparison to Activities of Fifty Parent-Teacher Associations in the State of Florida

Lamb, Maida Natalie
(Williams, W. R.)

The Development of Student Participation in the Government of Seabreeze High School, Daytona Beach, Florida 1928-1949

Lee, Robert Edmund
(Johns, R. L.)

A Technique for the Development of an Index of the Relative Tax-paying Ability of Local Administrative Units

Legate, David Virkler
(Wofford, Kate)

A Survey of the Multi-Sensory Materials in the White Schools of Alachua County, 1948-1949

Lewis, Roland Herbert
(Olson, Clara)

A Study for the Improvement of the Educational Program of Florida Christian High School Through Guidance

Loft, Bernard I.
(Olson, Clara)

A Study to Determine the Significance of Counseling and Guidance in the School Camp Programs of Florida

Love, Jerrelyn Hall
(Wofford, Kate)

A Study of Health Conditions in the Rural Community of Bratt, Florida, With Recommendations for Revisions in the School Curriculum

Martin, Jr., Edward Gay
(Olson, Clara)

A Study of a Probation Project of the University College, University of Florida

Martin, Joel Mann
(Olson, Clara)

The Theory of Natural Selection as Implied in Science Textbooks for the Elementary School

McDonald, John Joseph
(Leps, J. M.)

Public School Pupil Transportation in Palm Beach County

McDonough, Sister Mary Brigetta
(Olson, Clara)

Organizations of a Corrective and Developmental Reading Program for Rosarian Academy High School

Merrill, Louise Noland
(Moorman, J. H.)

A Follow-up Study of Former Students of the Jacksonville School of Technology

Miller, Cynthia Greene
(Moorman, J. H.)

Utilization of Local Resources in Teaching Business Arithmetic

Miller, William James
(Simmons, G. B.)

A Study of the Cases that Received Medical, Surgical, and Psychiatric Treatment Under the Vocational Rehabilitation Service of the Florida State Department of Education from October, 1943, to October, 1948

Morgan, Harold Craig
(Henderson, Leon)

A Syllabus for the Introductory Course in Audio-Visual Education

Myers, Herman Ogden
(Leps, J. M.)

A Study of Certain Phases of Local Tax Effort in Relation to Taxpaying Ability in Florida

Park, John Crawford
(Foster, C. R. and Kidd, K.)

The Relationship Between a Measure of Distractability and an Index of Academic Achievement

Parker, O. L.
(Olson, Clara)

William N. Sheats, Florida Educator

Pyle, Gordon B.
(Laird, Dorothy)

The Implications of a Pragmatic Approach to Social Studies

Ramage, Virgil Lanier
(Leps, J. M.)

A Study of the Status and Responsibilities of the Elementary Principalship in the Public Schools of Polk County, Florida

Ramsdell, Mataileen Larkin
(Mead, A. R.)

A Creative Study of a Teacher's Growth in Intercultural Understanding

Reeder, Edna Finch
(Brown, Carl)

A Comparative Study of Two Reading Methods Used in a Third Grade

Richards, Hubert Earl
(Olson, Clara)

The Athletic Director in the Secondary Schools of West Florida

Ritter, Helen Malloy
(Olson, Clara)

A Proposed Junior High School Program for a Selected Group of Children in the Northeast Springfield School, Jacksonville, Florida

Robertson, Henry Douglass
(Olson, Clara)

Macbeth: A Radio Adaptation for Secondary Schools

Roschach, Lillian Rudd
(Simmons, G. B.)

A Survey of Girls' Intramural Athletic Programs in the High Schools of Florida

Rumph, Mary E. Berry
(Henderson, Leon)

The Human and Natural Resources of Lafayette County, Florida and the Educational Program

Sadler, Samuel Gould
(Mead, A. R)

Establishment of Criteria for Awarding Grants-in-aid by the Federal Government to Students on the Tertiary School Level

Scott, Thomas McDonald
(Henderson, Leon)

The Status of Adapted and Corrective Physical Education in Selected American Colleges and Universities

Seay, John W.
(Leps, J. M.)

A Study of the School Population and Factors Affecting School Attendance in Marion County

Shepard, John Carrol
(Black, J. H.)

A Study of the Effects of the Social Status of Adolescents on Their Attitudes Toward the School and Education

Southall, Carey Thomas
(Leps, J. M.)

The Survey of the Need for Adult Education in Alachua County

Sova, Sarah Page
(Olson, Clara)

Problems of Adjustment of Two Selected Groups of Fourth Grade Children in the Dinsmore Elementary School

Stewart, Richard H.
(Olson, Clara)

A Study of the Problem of Teaching Social Issues

Susky, John E.
(Henderson, Leon)

A Follow-up Study of a Selected Group of Orlando Junior College Alumni

Tappan, Wayne Rogers
(Henderson, Leon)

The Project in Applied Economics at the University of Florida

Thomas, Clarice Annette
(Foster, C. R.)

A Survey of the Economic Content of the Curriculum of the Public High Schools of Florida

Twitty, Martha Underwood
(Cumbee, C.)

The Status of Driver Education and Training in the High Schools of Florida

Van Sise,Charles William
(Olson, Clara)

What the Junior High School Student Expects of his Teacher

Walker, Elisabeth Duncan
(Henderson, Leon)

Effects of the Minimum Foundation School Program on the Orange County, Florida, Public School System

Walker, Ralph Harpham
(Brown, Carl)

A Survey of the Reading Clinic, University of Florida

Watkins, Maud C.
(Wofford, Kate)

A Study of Sources of Curriculum Materials in the Gainesville, Florida, Community Suitable for the School Experience of Nine Year Olds

Wattenbarger, James L.
(Johns, R. L.)

The Organization, Administration, And Financing of Public Junior Colleges in the State of Florida

Webb, Laura Ellen
(Henderson Leon)

Community Relations at Tampa Bay Boulevard Elementary School

Wellwood, Margarethe
(Olson, Clara)

Studying the Needs of the First Grade Child Through Anecdotal Record

Wilkins, Nellie Waldron
(Moorman, J. H.)

The Status of Business Education in the Negro Schools of Florida

Williams, Colly V.
(Leps, J. M.)

A Study of Public School Transportation in Washington County

Wilson, Woodrow
(Olson, Clara)

A Comparative Study of the Personality Adjustment of Two Selected Groups of Junior High School Pupils

Wood, Jessie Alloway
(Williams, W. R.)

A Crafts Approach to Teaching Retarded Children

Young, Leola Smith
(Olson, Clara)

A Study of Selected Problem Children in Putnam County under Supervision of the Attendance Worker

ENGINEERING

(See also Engineering and Industrial Experiment Station, Page 103)

Bromilow, Frank

Wind Forces on Buildings — *Journal,* Florida Engineering Society, April 1950, Vol. 3, No. 6

A review of the methods used in computing wind forces on buildings. The presentation of a simplified method of making these calculations.

Jacunski, E. W. and Rogers, Wm. B.

Colored Film Slides in Descriptive Geometry

Series of film slides designed as lecture and study charts covering the basic principles of the subject.

Remp, George E.

Fundamentals of Power Plant Engineering — National Press, Millbrae, California, 1949

Textbook presenting the fundamentals of power plant engineering (principally steam) in a logical order, beginning with power plant economics and progressing through a detailed examination of the principles underlying the design and operation of the various types of equipment in the power plant.

Schweyer, H. E.

Studies on Florida Crude Petroleum — *Journal,* Florida Engineering Society, August 1949, Vol. 3 No. 2

Thompson, R. A.

Supersonic Wind Tunnel Design

Preliminary design of educational supersonic wind tunnel facility suitable for undergraduate and graduate instruction.

Graduate Theses and Dissertations

(Names in parentheses signify the director of the research)

Arnold, Jr., Robert Luther
(Martinson, E. P.)

A Proposed Work Simplification Program Based on a Survey of Florida Industry

Bassett, Jr., Aubrey J.
(Fagan, W. F.)

The Design and Construction of a Transducing Element for a Microseismograph

Bishop, John Augustine
(Ritter, L. J.)

Stability Studies in Asphaltic Concrete

Borrelli, Michael Thomas
(White, D. C.)

Electrostatic Separation of Minerals

Chang, Bansun
(Tiffin, W. T.)

Carburization and Heat Treatment of Commercially Pure Titanium

Cummings, Robert Jay
(Good, M. R.)

A Work Simplification and Standardization Training Program for Colleges and Industry

Furman, Thomas DeSaussure
(Kiker, J. E.)

Studies of Soil Percolation Tests

Hoff, Robert S.
(Kennedy, E. D.)

A Study of the Infinite-Impedance Detector

Howze, Jr., James Alexander
(Ritter, L. J.)

A Study of Beach Erosion in Florida

Johnson, Jr., Raymond C.
(Sashoff, S. P.)

An Antenna System for Low Frequencies

Lewis, William Newman
(Tiffin, W. T.)

The Effect of Hardness on the Corrosion Rate of Plain Carbon Steels in Water Solutions

Loh, Tze-Ming
(William, C. D.)

Unsymmetrical Bending and Direct Stresses of a Square Reinforced Concrete Column

Meyers, Ralph Frederick
(Grantham, G. R.)

Some Studies on the Primary Sedimentation of Sewage

Morrison, Clayton A.
(Tiffin, W. T.)

Considerations in the Design, Construction, and Testing of a Gas Centrifuge

Pearson, Charles Robert
(Thompson, R. A.)

Ground Dispersal Patterns of Some Airborne Spray Nozzles

Potts, John Thomas
(Williams, C. D.)

Experimental Verification of the Limit of Stress in Compression Flanges of I-Beams

Quick, Robert Leon
(Kiker, J. E.)

Studies in Diatomite Filters and Filter Aids

Reeder, Leonard Martin
(Nolan, W. J.)

A Study of the Pulping Reaction Between Scrub Oak (*Quercus laevis* Walt.) and Solutions of Sodium Hydroxide and Sodium Sulphate

Richardson, James Everette
(Williams, C. D.)

An Investigation of Web Connections

Samuel, John Alton
(Good, M. R.)

Selection, Induction, and Training of Employees for Industrial Safety

Saxe, Harry Charles
(Paquette, R. H.)

An Engineering Study of the County Road Systems of Florida

Seeger, Jr., John Carl
(Grantham, G. R.)

Fundamental Study of Trickling Filters

Seegmiller, Walter R.
(White, D. C.)

Analyzing Magnetic Fields by Electrical Analogy

Siler, Harry K.
(Sashoff, S. P.)

Microwave Lens Antenna

Sims, John Mallory, Jr.
(Williams, C. D.)

A Study of the Effect of Prestressing on the Fatigue Characteristics of Structural Steel

Solis, Manuel Mauricio
(Williams, C. D.)

An Investigation of Reinforced Concrete T-Beams

Spangler, Byron Dement
(Williams, C. D.)

An Application of Columnar Similtude to the Compression Flanges of I-beams

Thomson, Wade Donelson
(Williams, C. D.)

Fatigue Characteristics of Rivet-Structural Steel for One Type of Cyclic Loading

Tilden, John Renton
(Firmage, D. A.)

An Investigation of Simulated Hinged Supports for Concrete Rigid Frames

Watson, William Alexander
(Williams, C. D.)

Development of Design Aids for Concrete Columns Subjected to Combined Bending and Direct Stress

Zetrouer, II, Wallace Feaster
(Sashoff, S. P.)

Application of Electrical Integration to the Study of Atmospheric Waveforms

FORESTRY

Beckwith, S. L.

Ecological Succession on Abandoned Farm Lands and its Relationship to Wildlife Management

A Study of the changes in plant and animal (bird and mammal)

communities on abandoned farm lands in Washtenaw County, Michigan. The management of important game species is correlated with such changes.

Graduate Theses and Dissertations

(Names in parentheses signify the director of the research)

Attaway, Herbert B.
(Ziegler, E. A.)

Florida's Forest Economy

Dickinson, James Edward
(Geltz, Chas.)

Height Growth of Planted Slash Pine, *Pinus Elliottii* (Engelm.) as Influenced by Some Physical Properties of the Soil

Hitchcock, Wilbur Joseph
(Ziegler, E. A.)

Forest Management on Pine Lands in Lafayette County, Florida

Oliver, Jr., William Frazier
(Ziegler, E. A.)

The Effect of Turpentining on the Growth of Longleaf Pine, *Pinus Palustris* (Mill)

Sheppard, Miles Henry
(Ziegler, E. A.)

The Effect of Turpentining on the Growth of Slash Pine *Pinus Elliottii* (Engelm.)

Wheeler, Donald E.
(Ziegler, E. A.)

The Loss in Value of Poles Owing to Turpentining

Willingham, James Wesley
(Ziegler, E. A.)

A Comparison of Ground Cruising of 8000 Acres and Ground Cruising Controlled by Aerial Photographs in Alachua County, Florida

GEOGRAPHY

Day, Richard L.

The Changing Geography of the Dead River — Mt. Bigelow Region of Maine

This study will consist of text, photographs, and maps designed to tell the story of the complete cycle of geographic change that has occurred in the Dead River-Mt. Bigelow region of Maine as a result of man's activities during the past century. The region was still primeval wilderness in 1850, reached its height of settlement, lumbering and agricultural activity in about 1910, and finally this year (1950) is reverting to unsettled wilderness as a new storage reservoir of the Central Maine Power Company inundated abandoned villages, highways, fields, and low-lying woodlands. Looming above this second largest artificial lake in New England, is 4150 foot Mt. Bigelow. The pronounced zonation of forest vegetation resulting from variations in climate and man's lumbering activities at various altitudes on this mountain will also be brought out.

The Wildlife of Maine — A Geographic Study

Part I is a thorough description of Maine's location, topography, climate, forest vegetation, soils land utilization, and natural vegetation. Part II covers each of the eleven major classes of habitats in Maine. Besides text and photographs each chapter contains an inventory which lists in tabular forms all species of vertebrate animals in Maine together with the season of occurrence, exact habitat and nesting site, principal food, and range in Maine.

Pierson, William H.

The Bellingham Lowland

A detailed geographical study of the Bellingham Lowland of Western Washington covering all aspects of the natural environment and with emphasis upon the livelihood structure and the use of land.

The Galveston Bay Ports

A history of the growth of the several seaport cities located on Galveston Bay with especial consideration of the geographical factors that have influenced their progress. The present industrial and commercial activities of these ports.

The Rio Grande Plain

A geographical analysis of the region known as the Rio Grande Plain, in Texas. Consideration of the natural environment and resources, of the population, of the present status of transportation, agriculture, livestock industries and mineral industries, etc. Discussion of trends and future outlook for the region.

Graduate Theses and Dissertations

(Names in parentheses signify the director of the research)

Pike, Robert J.
(Diettrich, S. de R.)

Geographic-Economic Aspects of Transportation in Colombia

GEOLOGY

Edwards, Richard A.

An Abandoned Valley Near High Springs, Florida — *Quarterly Journal,* Florida Academy of Science, Dec. 1948, Vol. II, No. 4

A series of studies involving the geology, paleontology, and physiography of Florida

HISTORY

Bentley, George R.

A History of the Freedmen's Bureau

An examination of the effort made by the United States to help the Negro "freedmen" in the ex-Confederacy in the years immediately following the American Civil War, covering the agency used, its successes and failures, and the reasons for and significances of each.

Doherty, Jr., Herbert J.

Political Factions in Territorial Florida — *Florida Historical Quarterly,* October 1949, Vol. 28, No. 2

This article is a study of political groupings in early Florida history. Prominent men are discussed in relation to their political affiliations with those groups.

Union Nationalism in Florida

This article is a study of pro-Union sentiment among Florida political leaders in the two decades prior to the Civil War. It compares their writings to those of the "traditional nationalists" of Europe, particularly Edmund Burke.

Dowd, David L.

A Biography of Jacques-Louis David (1748-1825)

A full length portrait of the artist in relation to his life and times. It will attempt to present (1) David's early career in terms of the intellectual and artistic currents of eighteenth France and Italy, (2) his role as propagandist and radical politician during the Great Revolution of 1789, (3) his function as the most important *Chef d'ecole* and leading *solonier* of the Directory, Consulate and Empire, (4) his creative and propaganda activities as First Painter of Napoleon, and (5) his position as leader of exiled revolutionaries at Bruxelles.

Jacques-Louis David: Artist Member of the Committee of General Security

An analysis and evaluation of the great painter's political role, particularly his police activities as a member of the all powerful Comité de *Surêté Générale*. Based on hitherto unused French archival materials this study is the first of a series on the committee which controlled France during the so-called Reign of Terror. (Accepted for publication in a memorial volume in honor of Franklin C. Palm, Professor of European History at the University of California, Berkeley.)

Painters in Politics: A Study of Some Artists during the French Revolution

An historical, sociological and cultural study of the political, propaganda, administrative and police activities of various important but little known artists during the French Revolution. It will deal with certain representative ultra-royalist, constitutional monarchist, Girondin and Jacobin painters.

The Political Police of the Reign of Terror — The Committee of General Security

A book length study of the famous but as yet imperfectly known police committee which together with the more celebrated Committee of

Public Safety ruled France under a collective dictatorship during the so-called Reign of Terror. This comprehensive work will analyze and describe the historical evolution, the personnel and administrative organization, the powers and functions, the details of its operations and the general political and social effectiveness of the French precursor of the Gestapo, MVD and other political police bodies.

Three Artist Regicides: Bouquier, Sergent, and David

An historical, sociological, cultural and political study of the legislative careers of the Jacobin painters Jacques-Louis David (1748-1825) and Gabriet Bouquier (1739-1810), and the Jacobin engraver Antoine-Francois Sergent-Marceau (1751-1847). These three with Denis-Guillaume Bourgain (1751-1810) constituted the artist members of the National Convention which executed Louis XVI, governed France during the economic crisis, war and revolution from 1792 to 1795 and wrote the Constitution of the First French Republic.

Funk, A. L.

Backgrounds of Revolt Movements in France During Reign of John II

Confiscation of Lombard Debts in France, 1347-58

Lombard bankers made many loans which were confiscated in 1347. This study is concerned with the collection of outstanding funds and gradual lapse of administration.

Osborn, George C.

A Confederate Prisoner at Camp Chace: Letters and Diary of Private James W. Anderson — *The Ohio State Archaelogical and Historical Quarterly,* January, 1950 Vol. 59, No. 1

This is a study on the life of Confederate prisoners at Camp Chace, Ohio, based on the unpublished letters and diary of Private James W. Anderson.

Letters of Edward Cary Walthall to Robert W. Banks — *The Journal of Mississippi History,* July, 1949, Vol. XI. No. 3

This is an editing of some of the letters from one of Mississippi's most famous Senators to a journalistic friend. The letters contain considerable interesting material on the problems facing the United States during the late 1890's.

Major-General John Campbell in British West Florida — *The Florida Historical Quarterly,* April, 1949, Vol. XXVII, No. 4

This is a study on the period during which General Campbell commanded the British forces in their struggle against the Spanish during the American Revolution.

Oras, Ants

Soviet Policy in Estonia — *Journal of Central European Affairs,* Jan. 1949, Vol. 8, No. 9

Patrick, J. Max

A History of Utopian Thought

A comprehensive history of utopian thought in the modern world, covering utopian thought in English, French, German, Italian, and Latin. The study is significant in the fields of philosophy, literature, sociology, and history. Approximately half the material has been published in learned journals.

Thompson, Arthur W.

Biography of David L. Yulee

A study of the life of David L. Yulee with particular reference to (1) his impact on economic and social trends in Florida history, and (2) his role as a "typical" 19th Century industrial entrepreneur.

Williamson, Edward C.

Correspondence of Francis P. Fleming during the Civil War — *Florida Historical Quarterly,* July, Oct., 1949; Jan. 1950, Vol. XXVIII, No. 1-3

Letters of Lt. Francis P. Fleming who served in the famed Florida Brigade under Gen. E. A. Perry in the command of Gen. Robert E. Lee written to relatives in Florida, transcribed with footnotes of explanation.

This Is The Time of the Bourbons

A political History of Florida from 1876-1900 with particular attention to the Disston Purchase, decline of the Republican party, Populist movement, Independent party and Bourbon politics.

Worcester, Donald E.

Advice on Governing New Mexico, 1794 — *New Mexico Historical Review,* July, 1949, Vol. 24, No. 3

The translation and editing of a memorial of a governor of New Mexico to his successor in 1794. It discusses the various problems of governing the province: Indian affairs, local matters, and Church-State relations.

Miranda's Diary of the Siege of Pensacola

Translation and editing of Francisco de Miranda's diary of the siege of Pensacola, which was a part of Spain's assistance to the English colonies during the American Revolution.

Sea Power and Chilean Independence

An evaluation of the role of sea power in the winning of Chilean independence, 1810-1826.

Worcester, Donald E. and Schaeffer, Wendell G.

History of Latin America

Planned as a textbook for a year survey course in Latin-American History.

Graduate Theses and Dissertations

(Names in parentheses signify the director of the research)

Ferrell, Sidney Scaife
(Osborne, George)

Public Opinion in Confederate Florida

Hill, Dorothy Elizabeth
(Leake, J. M.)

Joseph M. White—Florida's Territorial Delegate, 1825-1837

Leonard, Jr., Paul Augustus
(Patrick, R. W.)

The Growth of the Episcopal Church in South Florida 1892-1932

Sunderman, James Franklin
(Patrick, R. W.)

Life in Camp and Field—The Journal of an Army Surgeon 1836-38. (Accepted for publication by Univ. of Florida Press).

Womble, Iris Watson
(Leake, J. M.)
Zeb Vance: Tarheel Tribune

JOURNALISM

Jones, John Paul

Guide to the Pronunciation of the Names of Florida Cities and Towns

Primarily a guide for radio newscasters and announcers who daily use the names of Florida cities and towns in their scripts and newscasts.

Weimer, Rae O.

Market Data Survey for the Florida Press Association

Collection of data on the individual areas covered by each weekly newspaper in the state.

Graduate Theses and Dissertations

(Names in parentheses signify the director of the research)

Germond, Garth Spencer
(Emig, Elmer J.)

A Study of Local News Coverage in Selected American Radio Stations

LANGUAGE AND LITERATURE

Capretz, Pierre J.

Le Baroque d'Agrippa d'Aubigne

Contribution to the study of baroque style in French Literature

LaCritique d'Albert Thibaudet

Brief study of the criticism of A. Thibaudet

Congleton, J. E.

Theories of Pastoral Poetry in England 1684-1798

Definitive study of the rise and decline of neo-classic pastoral theory in England. The essays by about 200 critics between Knightly Chelwood and Nathan Drake have been collected and analyzed so as to show the sources and the courses of the various critical premises during the pervasive transition of the Eighteenth Century.

Kirkland, Edwin C.

American Versions of Mt 922

Publication of the texts to two versions of the European Folktale Mt 922. Only one American version has previously been reported. A study of these versions in relation to the form of the tale as it has been studied by Walter Anderson, Kaiser und Abt. Professor Anderson has written an article on these versions which will be published with my article.

MacLeod, Malcolm Lorimer

Robert Herrick — An article for "The New Century Cyclopedia of Names"

Completed and accepted article on Robert Herrick. It will be printed in the *New Century Cyclopedia of Names,* Appleton Century- Crofts Publishers.

Oras, Ants

Articles on prominent Estonians for Century Cyclopedia of Names

About thirty articles on contemporary Estonian men of letters, artists, musicians and statesmen.

Morke over Baltikum — Hovik Forlag, Oslo, 1949

Revised and re-adapted Norwegian version of *Baltic Eclipse* Victor Gollancz Lts., London 1948, a history of Estonia during the recent war.

Rhyme and Assonance in Milton's Blank Verse

A study of vowel echoes, especially terminal ones, in Milton's blank verse, with special reference to the interplay of rhyme and assonance.

Slagskugga over Balticum—Natur och Kuctur, Stockholm, 1949

Revised Swedish translation of *Baltic Eclipse,* a book on the history of Estonia during the recent war, published by Victor Gollancz, Ltd., London, 1938.

Studies in Early English Blank Verse

A re-examination of the development of early English blank verse.

Studies in Milton's Prosody

Milton's versification examined with special reference to the relative chronology of his poems.

Studies in Poetic Diction

An examination of the growth of the English poetic vocabulary since Wyatt and Surrey, with special emphasis on Milton.

"The Bells" of Edgar Allen Poe and "A Prophecy" by John Keats — Apophoreta Tartuensia, The Estonian Learned Society in Sweden, Stockholm, 1949

A study of a hitherto unnoticed case of the influence of Keats on Poe, which seems to have suggested to Poe much of the rhythm and imagery of "The Bells."

Translation of part of Goethe's "Faust"

Patrick, J. Max

An Anthology of Utopias

The selecting, editing, and, where necessary, translating into English, of rare, out-of-print, or inaccessible utopias, to make them available for students of literature, sociology, religion, etc.

An Edition and Translation of Campanella's 'City of the Sun'

Editing of John Milton's State Papers for the Yale Edition of the Prose Works of Milton

A definitive edition of the official letters and papers which Milton wrote as Latin Secretary to Oliver Cromwell based on a collation of the Latin editions, the original manuscripts and Phillips's English version.

The Selective Work of M. W. Croll

The works, published and unpublished, of the late Prof. M. W. Croll of Princeton on seventeenth century prose style and prose rhythm, though of great scholarly importance, are for the most part inaccessible to students. The present edition will make them available, bring them up to date, and assess their importance.

Patrick, J. Max and others

Studies in Milton

Editing of articles on John Milton and his works by members of South Atlantic Modern Language Association. The volume will be a significant contribution to Milton scholarship, with articles on Milton's prosody, angels, bawdy, diction, travels, relationship to Elizabethan drama, etc.

Pyles, Thomas

The English Language in America

Topete, José M.

Contemporary Latin American Novelists

A comparative but exhaustive survey of five of the best contemporary Latin American novelists.

The Poetic Geography of Ruben Dario

Ruben Dario is Latin America's greatest poet. Yet no complete study exists of his thematic content.

The Poetic World of E. G. Martinez

A Study covering the life, poetic work, and verification of E. G. Martinez. Several articles "LaCritica y Gonzalez Martinez" and "El Ritmo Poetica de Gonzalez Martinez" have been accepted for publication by *Iberoamericana.*

Valk, Melvin E.

Index Verborum to Gottfried von Strassburg's *Tristan*

The purpose of this project is to provide a tool for research in Middle High German linguistics by listing, alphabetizing and placing the

more than 100,000 Middle High German words occurring in *Tristan*. This index will complete the Gottfried part of the MHG series of indices and make available the full vocabulary of the principal MHG authors.

Wallace, Maxwell J.

The Life and Works of Henri Lavedan

Warfel, Harry R.

Contemporary American Novelists — American Book Co. 1950

A reference dictionary of biographical and informational sketches of 575 novelists who have published at least two novels, one of them since 1940. The sketches range in length from 250 to 2000 words.

Graduate Theses and Dissertations

(Names in parentheses signify the director of the research)

Abbott, James H.
(Fernandez, Pedro)

Armando Palacio Valdés and Pierre Loti: A Comparison

Evans, Robert Owen
(Oras, Ants)

A Study of Milton's Theory and Practice of Elision

Gray, Jr., Richard Wilson
(Hayes, F. C.)

The Religion of Unamuno

Hand, Carolyn Ervin
(Kirkland, E. C.)

Browning's Theory of Success in Failure

Kranz, Marvin
(Wershow, I. R.)

A Revaluation of the Style and Philosophy of Baltasar Gracian

Mendoza, Jr., Peter
(Wershow, I. R.)

The Works of Jorge Icaza

Metze, Barbara Ivey
(Congleton, J. E.)

The Autobiographical Materials in the Malahide Papers

Noble, Robert V.
(Conner, F. W.)

The Significance of Nature in the Early Novels of Willa Cather

Pitman, John
(Conner, F. W.)

Herman Melville's Civil War Poetry

Porges, John M.
(Fernandez, P. V.)

The Political Content in the Works of Sarmiento Compared with the Political Writings of Alberdi

Reid, Alfred S.
(Warfel, H. R.)

Concepts of God and Satan in the Major Romances of Nathaniel Hawthorne

Selden, Jr., Leo B.
(Fogle, S.)

Coleridge's Readings in English Rational and Platonic Theology of the Seventeenth Century

Sims, James Hylbert
(Congleton, J. E.)

Theological Implications in the Works of Jonathan Swift

Smith, Jean Allan
(Fernandez, Pedro)

The Poetry of Ramó Pérez de Ayala

Vasquez, José Pena
(Hayes, F. C.)

The Basis of Humor in the Plays of Serafin and Joaquin Alvarez Quintero

Whitener, Rogers Vance
(Morris, Alton)

Critical Taste and Opinion in *Noctes Ambrosianae*

LAW

Black, Kenneth L.

Estate Planning

Preparation of materials with special emphasis on Florida Law.

Crosby, Harold B. and Miller, George John

Our Legal Chameleon, The Florida Homestead Exemption: I-V *University of Florida Law Review,* 1949, Vol. II, Nos. 1, 2, and 3

A complete survey of the entire law of the Florida homestead exemptions, from forced sale and taxation, including procedural law.

Day, James W.

The Period During Which a Judgment Remains a Lien on Realty in Florida — *University of Florida Law Review,* Fall, 1949, Vol. II, No. 3

A consideration of events and circumstances that may extend beyond the normal period of twenty years the time that a judgment remains a lien on the land of the judgment debtor in Florida.

Introduction to the Law of Real Property

Deloney, Dexter

Cases and Materials on Law of Possession

Cases and statutes on law of possession with problems, textual notes, and comments, used as a part of the teaching materials in the course in Property I. Florida cases and statutes were used where feasible.

Cases and Materials on Law of Labor Relations

MacDonald, W. D.

Case Materials — Estates and Trusts II

Casebooks of materials in estates and trusts II covering Termination of Trusts; Lapse; Ademption; Satisfaction.

Fraud on Marital Property Rights

An analysis of the various transactions used to defeat the statutory share of the surviving spouse, such as the inter vivos trust, bank account trust, insurance trust, conveyances "on the eve of marriage" and the like: comparison of the tests used herein with the tests and techniques used in tax law and the law of creditor's rights; proposals for legislation.

Maloney, Frank E.

Preparation of Florida Annotations to Glenn & Redden, Cases & Materials on Equity

A collection of Florida equity cases, prepared for eventual publication which parallel the cases and materials in the casebook CASES AND MATERIALS ON EQUITY by Glenn and Redden.

Miller, George John

Comments and Cases (and other materials) in Florida Constitutional Law

A textbook on the Florida Constitution combining the Oxford textual style with the American casebook style.

Scoles, Eugene E.

Review of Labor Arbitration Awards on Jurisdictional Grounds

Silliman, Charles V.

Materials Relating to the Florida Railroad and Public Utilities Commission — mimeographed, 116 pgs.

The material covers the history and nature of the commission as well as selected rulings of the commission designed to illustrate its functions.

Slagle, Dean and Tomlin, R. B.

Business Law

Collecting, arranging and editing cases and other materials in the field of Business Law.

Smith, J. Allen

The Role Against Perpetuities and Non-family Gifts

An analysis of the doctrines and practices involved in gifts to charities and gifts for non-family purposes. A Study of the Rule against Perpetuities. Particular emphasis on social norms.

Stephens, Richard B.

Cases and Materials on Workmen's Compensation

Federal Estate Tax: Section 811 (c) Revised.—*University of Florida Law Review,* Spring, 1950, Vol. III, No. 1

An analysis of a section of the Internal Revenue Code providing estate tax liability in the case of certain inter vivos transfers with emphasis on the amendment of this section effected by Congress, October 25, 1949.

Yonge, Philip K.

Florida Procedural Law

A study of the current Florida procedural law under the 1950 Florida Common Law rules, applicable statutes and common law principles.

MATHEMATICS

Cowan, Russell

A New Generalization of Legendre's Differential Equation

The generalized equation is linear of the second order and contains two parameters, n and ℓ. If ℓ equals 1, the equation reduces to Legendre's equation. A general solution is obtained by Frobenius' method. If n is an integer of the form $2_J \ell$ or $2_J \ell$ plus one, where j is a non-negative, integer, the equation has a polynomial solution. These polynomials are orthogonal over (—1, plus 1) with respect to the weight function $X2\ell$—2. The evaluation of the integrated square is utilized in obtaining the coefficients in the expansion of an arbitrary function in a series of generalized Legendre polynomials.

Dostal, B. F.

Operation Methods in Integral Transformations

Study of development and extension of operational methods for

transformations of multiple integrals, with possible fields of application in: theoretical physics, engineering, electrical and mechanical, and mathematical field, including foundations.

Gager, William A.

Computations with Approximate Numbers — *School Science and Mathematics,* May, 1947, Vol. XLVII, No. 5

The purpose is to make a clear distinction between exact numbers and approximate numbers; to produce by means of tabular data clear understandings of such terms as units of measurement, significant digits, accuracy, degree of accuracy, possible or apparent error, precision, and per cent or relative error; and to develop acceptable rules for adding, subtracting, multiplying, dividing, and extracting square roots of approximate numbers and approximate data.

Mathematics at Work — 1948 and 1949

Organization of approximately 25 lectures pertaining to use of mathematics in various large industries; reports of several groups studying various phases of college and secondary mathematics; extensive bibliography; and topics of special interest to mathematics teachers. (These two reports are the records of the Duke Mathematics Institute held at Duke University in the summers of 1948 and 1949 under the direction of Professor W. Rankin—Professor of Mathematics, Duke University.)

Gager, William A. and others

Functional Mathematics — State Department of Education, Tallahassee, Florida, *Bulletin* 36

The purpose of this project was (1) to pull out of the compartmentalized courses now being taught in the high schools all the concepts necessary for effective living in a mechanical age; (2) to add topics more closely related to personal finance, consumer education, and responsible citizenship; and (3) to organize these materials into a sequence of functional mathematics courses on the secondary level. Basic concepts and essential principles were determined. On the basis of these and the guidance of a grade placement chart materials for functional course for grade seven through twelve were prepared.

Hutcherson, W. R.

A Cyclic Involution of Order Eleven — *Bulletin of American Mathematical Society,* Nov. 1949, Vol. 55, No. 11

A non-perfect point P_3 was found on a certain quartic surface.

Earlier papers by the author had shown that one may have perfect points in first and second order neighborhoods for an involution of order five; in third, as well as second, for order seven. This paper found that P_3 has a perfect point in the third order neighborhood along $(X_1=X_2=D)$ direction, while the other variant direction $X_2=X_4=D$, one must go out to the point of fourth order neighborhood.

A Simple Perfect Point Becomes a Triple Point

Curves, of order twenty one, and determined by cubic and seventh degree surfaces are studied. These curves are invariant under a certain linear cyclic transformation. P_2 (0100), which is a simple perfect invariant point on the seventh degree surface, becomes a triple point on a cubic curve in the tangent plane.

Kokomoor, F. W.

Preparation of a Handbook for the History of Mathematics

The work will consist of about 40 lectures (or chapters) covering the field of the history of elementary mathematics through the calculus.

McInnis, Sam W.

Magic Circles

Defining a magic circle, finding the properties, formation and applications.

Phipps, Cecil G.

A Note on Patinkin's "Relative Prices"—*Econometrica,* Jan. 1950, Vol. 18, No. 1

A correction of a previously published paper by Don Patinkin.

A Note on Tintner's "Homogenous Systems"—*Econometrica,* Jan. 1950, Vol. 18, No. 1

A correction upon a previously published article by Gerhard Tintner.

Phipps, Cecil G., Miller, Wm. Gilbert, and DeMunck, Jack S.

A Study of the Mathematical Foundations of Mathematical Economics

An investigation of the mathematical foundations behind the present mathematical work in economics.

Simpson, T. M., and Pirenian, Z. M.

Commercial Algebra — Prentice-Hall, Inc., New York, 1950

3rd Revised edition of first half of book, Mathematics of Finance

Smith, C. Bassel

Effect of a Change in Moisture Content on Elastic Behavior of Plywood Plates

This investigation is concerned with the elastic behavior of a plywood plate subjected to a uniform change in moisture content. By means of a mathematical analysis the distribution of stress is found for infinite plates of two and three plies. The analysis shows that all the stress components vanish except the normal stress components parallel to the surfaces of the plate. These are found to be discontinuous at the planes of separation of adjacent plies in both types of plates studied. The distribution of stress is found to be linear in each ply in the 2-ply plate, and constant in each ply of the three-ply plate.

Graduate Theses and Dissertations

(Names in parentheses signify the director of the research)

Broome, Douglas Augustus
(Phipps, C. G.)

The Diffraction of a Small Circular Aperture

Cleveland, Max .
(Lang, G. B.)

On the Solution of Linear Difference Equations of Finite Order

Conner, William Lewis
(Smith, C. B.)

An Application of the Transformation of Inversion to a Problem in Plane Stress

Duffett, James Roy
(Myer, H. A.)

A Study of Least Squares Weighing

Findley, George Bernard
(Smith, C. D.)

Evaluation of Certain Definite Integrals by Contour Integration

Gormsen, Svend Theodore
(Smith, C. B.)

Some Applications of Mathematics to Electrical Engineering

Horton, Thomas Roscoe
(Hutcherson, W. R.)

Some Elementary Concepts of Topology

Jackson, Woodrow Wilson
(Hutcherson, W. R.)

A Special Transformation of Curves on a Sphere

Owens, Alvin Jewel
(Smith, C. B.)

Effect of a Rigid Elliptic Disk on the Stress Distribution in an Orthotropic Plate

Potter, Larry Holmes
(Kokomoor, F. W.)

The Problem of Apollonius Analytically Treated

Robertson, Joe Mays
(Kokomoor, F. W.)

An Analytic Investigation of the Construction of a Square Under Certain Conditions

PHARMACY

Johnson, Carl H. and Foote, P. A.

An Investigation of Oil of Cajeput in Florida

This project involves a determination of the physical and chemical properties of Cajeput Oil as compared with that produced in the East Indies.

Graduate Theses and Dissertations

(Names in parentheses signify the director of the research)

Bryan, Jack Thaddeus
(Foote, P. A.)

The Synthesis of Certain Medicinal Cumates
(Bryan, T. J. and Foote, P. A. "Synthesis of Local Anesthetics De-

rived from Cumic and 3-Nitro-Cumic Acids," *Journal,* Amer. Phar. Asso., Sci. Ed., Vol. 39, p. 644 [1950])

Lankford, Betty Louise
(Becker, C. H.)

The Use of Some Imitation Flavors for Masking Distasteful Drugs (Lankford, B. L. and Becker, C. N. "The Use of Some Imitation Flavors for Masking Distasteful Drugs: "I Ammonium Chloride," *Journal,* Amer. Phar. Asso., Sci. Ed., Vol. 40, p. 77 [1951])

and

"The Use of Some Imitation Flavors for Masking Distasteful Drugs: II Quinine Hydrochloride," *Journal,* Amer. Phar. Asso., Sci. Ed., Vol. 40, p. 83 [1951])

Norred, Sarah Ruth
(Fox, Lauretta)

Some Factors Affecting the Survival Time of Animals After Adrenalectomy

Plaxco, Jr., James M.
(Husa, W. J.)

The Preparation and Incompatibilities of Tragacanth Mucilage (Plaxco, J. M. and Husa, W. J., "The Preparation and Incompatibilities of Tragacanth Mucilage" (Accepted for publication by *Journal,* Amer. Phar. Asso.)

Wintter, John Ernest
(Foote, P. A.)

Amino Acids from the Florida Wool Sponge

PHILOSOPH

Borrell, Edward H.

A Philosophical Analysis of the Concept of Universal Continuum

Matter and intellect in relation to the continuum. The conditioning factors involved in the responses of life to environment. The processes leading to intellectual activity. The conscious intellect and symbolism. Intellect and concept. Assessment in terms of the universal continuum and the processes leading to concept of fundamental human beliefs and ideologies.

Oliver, James Willard

Experience and Belief

An epistemology, with section on language, meaning truth and knowledge.

PHYSICAL EDUCATION

Potter, William M.

Method for Improving Tennis Instruction

The purpose of the project is to present a skill and knowledge test in order to get fair and uniform grades for students taking tennis in the Required Physical Education Department. Correlations are to be shown between the skill test, tournament results and ranking by experts.

Staton, Wesley M.

A Comparative Study of the Motor Ability of Weight Lifters and Non-Weight Lifters among College Men

This is a normative surveyal type study which has as its primary purpose the determination of the degree of likeness or unlikeness existing between weight lifters and non-weight lifters with respect to motor ability. Two groups, control and experimental will be tested for motor ability.

The Influence of Soya Lecithin on Muscular Strength — *Proceedings, AAHPER, 1950* June, 1950

This was an investigation in the area of pharmacodynamics and performance physiology. The major purpose of the study was to objectively determine the effect of soya lecithin ingestion on muscular performance. The parallel-group and rotation-group techniques were used as part of experimental design. Three groups of subjects were utilized, the control, the placebo, and the experimental. Thirty grams of Asolectin was ingested daily by the experimental group with a like amount of placebo being added to the diet of that group. Strength was measured by the use of the hand dynamoter and indices, representing the per cent of increment or decrement in relation to each subject's base score, were computed to determine the degree of group improvemnt.

The Effect of Ascorbic Acid in Minimizing the Degree of Muscular Soreness Following Strenuous Muscular Activity

This is an experimental study in performance physiology and bio-

chemistry involving three groups, control, experimental and placebo. The equivalent groups method will be employed in evaluating the influence of daily ingestion of 150 mg. of ascorbic acid on the degree of muscle soreness following strenuous activity.

Staton, Wesley M. and Reed, Howard

Swimming as a Causative Factor in the Incidence of Sinusites, Rhinites, and Certain Orolaryngological Conditions in College Men

This is a cross-sectional experimental study utilizing two groups, control (non-bathers) and experimental (bathers). The primary purpose of this investigation is to determine the extent of relationship existing between regular participants in swimming classes and the etiology of certain otorhinolaryngological pathologies.

PHYSICS

Broyles, A. A.

Photodisintegration of the Deuteron

An investigation of the effect of the tensor force in neutron-proton interaction on the photodisintegration cross-section of the deuteron is now underway.

Broyles, A. A. and Kivel, B.

Lower Bound on the Range of Neutron-Proton Interaction from the Magnetic Moment of the Deuteron

A minimum range for the neutron-proton interaction of 1.6×10^{-13} cm has been obtained from the experimental values of the neutron, proton, and deuteron magnetic moments with relativistic corrections suggested by Breit and Block

A Lower Bound on the Range of Neutron-Proton Interaction — *The Physical Review,* Vol. 77, No. 5, March 15, 1950

The attractive force holding the neutron to the proton to form the heavy hydrogen nucleus (deuteron) is known to be of short range. This research has shown that the experimentally measured quadruple moment of the deuteron sets a lower limit of about 1.1×10^{-13} cm. on the range of this force.

Flowers, John W.

Impulse Ion Beams

Some preliminary considerations are being made toward the use of an impulse generator for nuclear experiments. The main difficulties appear to be associated with the particle source and the question of ion mission rates for short times.

Flowers, J. W. and Anderson, W. J.

Electrical Methods Giving the Logarithm of a Function

A study is underway dealing with methods of extracting the logarithm by electrical means. Three methods are found to have possibilities. One incorporates non-linear resistive elements provided by semi-conductors. Another utilized the Maxwellian distribution of electron densities in an electric field near a thermionic emitter, and the third method employs a feedback or servo-system. Amplification is in general necessary and the feed-back type seems to have some advantages.

Flowers, John W., Hatchett, C., and Anderson, W. J.

Electric Discharge in Air

Photoelectric, photographic and oscillographic instruments are under development for use in the study of long sparks and the physical mechanisms involved. A laboratory generator has been developed to supplement observations of lightning.

Swanson, D. C., Neville, G. E., Smith, J. H., and Melroy, D. O.

Development of Van de Graaff Electrostatic Generator

Graduate Theses and Dissertations

(Names in parentheses signify the director of the research)

Byrum, Jr., Barney Luther
(Swanson, D. G.)

The Design and Construction of a Voltage Regulator for a Van de Graaff Generator

Elioff, Robert
(Bless, A. A.)

The Electrical Energy of Seeds as a Function of X-Ray Irradiation

Hatchett, Cresswell
(Flowers, J. W.)

The Production of High Currents in Long Sparks

Hussey, Charles W.
(Williamson, R. C.)

Influences of the Geometry of an X-Ray Tube on the Current Density in the Focal Spot

Kivel, Bennett
(Bless, A. A.)

Bioelectric Potentials as a Measure of Radiation Injury
Jones, M. W., Kivel, B., and Bless, A. A., "The Biolectric Potential of Seeds as a Function of Growth and of X-Ray Dosage," *Plant Physiology,* Vol. 26, p. 19, (1951).

Mayfield, Melburn R.
(Williamson, R. C.)

The Electronic Stabilization of X-Ray Tube Voltage and Current

POLITICAL SCIENCE

(See also Public Administration Service, Page 114)

Bartley, Ernest R.

The Tidelands Oil Controversy

A legal and historical analysis of the controvery over state as against national rights in the coastal waters of the United States. Particular attention is given to the cases of *United States v. California* and *United States v. Texas.*

Bartley, Ernest R. and Swarthout, John M.

Principles and Problems of American National Government — Oxford University Press, New York, 1950

A basic text in American National Government at the college and university level.

Hartmann, Frederick H.

Basic Documents of International Relations — McGraw-Hill Book Company, Inc. (McGraw-Hill Political Science Series) New York, 1950

A supplemental documentary textbook for international relations courses.

In Search of Security

This is a study of the search for security in international relations, both from the viewpoint of theory and from that of actual practice. Its main emphasis will be upon the twentieth century.

Readings in International Relations

A supplemental reading textbook for international relations courses.

Settlement for Germany — *The Yale Review,* Winter, 1949, Vol. XXXIX, No. 2

Harrison, J. A.

American Korean Relations

A study of American-Korean Relations, 1883-1905 based on archival documents. The first volume "American Korean Relations: The Initial Period, 1883-86" is to be published by the University of California Press. (In press.)

Japan's Northern Frontier

One of a series of monographs on the emergence of the modern Japanese Empire.

The Japanese Foreign Office

One of a series of monographs on the emergence of the modern Japanese Empire

Graduate Theses and Dissertations

(Names in parentheses signify the director of the research)

Daboll, Warren F.
(Bartley, E. R.)

The Power of the State of Florida to License

Fuquay, Robert Frank
(Bartley, E. R.)

Selected Governmental Factors Affecting the location of Industry

Proctor, Meyer
(Hartmann, F. H.)

United States Relations with Spain in the Postwar World, 1945-49

Wolff, George Elliott
(Dauer, M. J.)

Executive Domination in the Second French Republic, 1848-52

PSYCHOLOGY

Hinckley, E. D. and Rethlingshafer, Dorothy

Value Judgments of Age of Men

Ratings of various ages are being studied to determine if the influence of the age of the rater will determine the scale values. It is expected that the meaning of "young" and "old" will be, in part, determined by the age of the subject.

Horne, E. P. and Bishop, Conrad C.

Masking of Pure Tones by White Noise and Modifications of Noise

White noise is presented to a subject monaurally and binaurally. At intervals a pure tone is presented at a level of intensity which is audible (at the threshold) in the presence of the noise. The noise is filtered and the effects of filtering on the masked threshold for the tone is studied.

Rethlingshafer, Dorothy

Functions of the Motive State in the Behavior Stream

A systematic survey of the various functions which a motive serves in behavior reveals at least five: energizing, selecting, directing, maintaining, and reinforcing.

Wunderlich, Henry

Aesthetic Motivation

A study developed from an earlier paper entitled "*Psychology* of the Aesthetic object."

Psychology of the Aesthetic Object

A definition of the aesthetic object in terms of psychological processes that make up creation and appreciation. Discussion of the implications of this treatment for experimental method in psychology. Examples of experimental work already done by writer and his students.

Graduate Theses and Dissertations

(Names in parentheses signify the director of the research)

Alper, Arthur Eugene
(Harlow, Justin)

A Comparison of Two Methods of Presentation with the Digit Span Test

Brady, II, John Speer
(Wimberly, S. E.)

The Psychological Mechanism of Cerebral Electroshock

Eschenbach, Arthur Edwin
(Rethlingshafer, D.)

Combined Drives in Learning

Gadarian, Vahak
(Rethlingshafer, D.)

Persistence as a Function of Task-Orientation vs. Ego-Orientation

Gurd, Bruce E.
(Dixon, J. C.)

The Effect of Psychological Sophistication on Gullibility

Howell, Jr., Leonard Horace
(Wunderlich, H.)

The Effect of Orientational Change at Different Stages in a Learning Problem

Newman, Floyd Warren Jr.
(Wunderlich, H.)

The Growth of a Musical Perception

Parrish, John W.
(Rethlingshafer, D.)

A Study of the Need to Achieve in College Achievers and Non-Achievers.

Price, Arthur Cooper
(Harlow, J. E.)

A Preliminary Study in Statistical Comparison of the Revised Stanford-Binet Intelligence Test Form L with the Wechsler Intelligence Scale for Children Using the Ten Year Age Level

Ricker, Lawrence H.
(Hinckley, E. D.)

Self-Recognition from Motion Picture Studies of Gait

Thompson, Jr., John W.
(Hinckley, E. D.)

An Evaluation of the General Aptitude Test Battery as an Aid in Selecting Architectural Students

SOCIOLOGY AND ANTHROPOLOGY

Ehrmann, Winston W.

The Control of Premarital Dating Behavior: A Study of 800 Male and Female College Students

The purpose of this study is (1) to devise a method for measuring the individual control of premarital dating behavior, (2) to apply this method to a case study of a representative number of male and female college students, (3) to describe certain general characteristics of the dating complex among these persons, and (4) to analyze the findings in terms of individual and social characteristics of this sample population.

Goggin, John M.

Archeology of the Glades Area

A definitive study of the Florida Everglades Area. (Subsidized in part by the Viking Fund, Inc.)

A Study of Archeological Cults in Florida

This project is an analysis of the distribution of two cults in Florida. First of these, the widespread Southern Cult, is sporadically represented by traits and motifs in archeological remains throughout much of Florida. The second cult, the Glades Cult, is an indigenous development centering in southern Florida. (An initial paper on this subject was presented before the American Anthropological Association in December, 1948)

A Study of Spaldings Lower Store

The project is a study of a British Trading Post (circa 1773-83) established for trade with the Seminole Indians.

A Revised Temporal Chart of Florida Archeology—*Florida Anthropologist,* 1948, Vol. 1, No. 3-4, pp. 57-60

As the title implies this is a revision of an earlier work bringing up to date chronological picture of Florida archeology, based on recent investigations.

Cultural Occupation at Goodland Point: A Study in Method

Goodland Point has recently been completely levelled by clearing operations. Despite the bad condition of the site some ten to twelve thousand specimens were collected on the surface. These were collected as a series of units covering restricted areas and it is believed that this method of surface collecting will give us horizontal stratigraphy in contrast to the more usual type of vertical stratigraphy found through excavation. (Supported by a grant from the Viking Fund, Inc.)

Early Occupation in Central Florida

A study of anthropological patterns of settlement and tribal organization in the area indicated.

Culture and Geography in Florida Prehistory

A study of the relation of geographic factors to the patterns of Indian settlement and the development of cultural types of Indian societies in Florida.

Cultural Traditions in Florida Pre-History

In this paper Florida pre-history is analyzed and summarized in a new concept which is broader and, anthropologically speaking more meaningful, than the previous time-area units of culture.

Southeastern Indian Material Culture

This is an intensive analysis of the material culture of the southeastern Indians, a virtually untouched field. This project will run for a number of years and probably will be published in a series of specialized papers, as for example, on metal working, basketry, etc. (A preliminary report on one aspect of the study, "Art Style Areas Among Historic Indians" was presented before the International Congress of Americanists, 1949)

Space and Time Perspective in Northern St. Johns, Florida Archeology

This is a definitive summary and analysis of the archeology of the northern St. John region, Florida. (This report was initially begun under the Caribbean Anthropological Program of Yale University and supported under a fellowship from the Social Science Research Council. The final work being done on this paper at the University of Florida is supported by a grant from the Viking Fund, Inc.)

Stratigraphic Tests in the Everglades National Park, Florida, *American Antiquity:* Vol. 15, No. 2

Stratigraphic tests were made at three sites. Artifactual analysis revealed the presence of three periods and several sub-periods. One completely new sub-period was recognized as a result of this work and our former meager knowledge of one major period was multiplied many times. (Supported by a grant from the Viking Fund, Inc.)

Twilled Plaited Basketry in the New World — *Southwestern Journal of Anthropology,* 1949, Vol. 5, No. 1

An analysis of the distribution of twilled plaited basketry finds it to be so broad that apparent relationships between the basketry of the southeastern U. S. and northern South America is concluded to be only coincidental.

Goggin, John M., and Others

An Historic Indian Burial, Alachua County, Florida — *Florida Anthropologist,* Vol. 2, No. 1

The burial is unique: first, for the great quantity of artifacts found with it, and second, because it is apparently that of a Seminole Indian dating around 1750. Despite the long Seminole occupation of Florida these are the first remains which can be ascribed to them.

Goggin, John M., and Somers, Frank H., III

Excavations on Upper Matecumbe Key, Florida — *Yale University Studies in Anthropology,* No. 40

This report is a detailed account of a stratigraphic excavation of an Indian midden site including extensive description of the artifacts found as well as interpretations of the culture. (Conducted under the auspices of the Caribbean Anthropological Program of Yale University.)

Maclachlan, John M.

The South Today

A comprehensive synthesis of contemporary sociological materials relating to the Southeastern region of the United States.

Smith, T. Lynn

A Sociological Study of the People and Social Institutions of Colombia

This is a book length study of the people and social institutions of Colombia, based upon observations made and data collected during approximately 2 years in that country between 1943 and 1946. In it the attempt is being made to present the relations of the people to the land, neighborhood and community organization, the class structure, and the principal social institutions, (domestic, religious, political, and educational).

The Migration of Elderly Persons to Florida

This is a study of the points of origin, volume, place of location, and demographic characteristics of elderly persons moving to Florida.

Smith, T. Lynn and Hitt, Homer L.

The People of Louisiana

This is a comprehensive study of the population of Louisiana, including attention to the following aspects of the subject: 1. The number and distribution of the population; 2. Characteristics of the Population; 3. The rate of reproduction; 4. The death rate and expectation of life; 5. Migrations; 6. The growth of population. This study brings together in monographic form the principal results from a series of population studies begun in 1932 and continued to the present by the authors.

Graduate Theses and Dissertations

(Names in parentheses signify the director of the research)

Gordon, Margie
(Ehrmann, W. W.)

A Study of Two Hundred and Two Divorce Cases in Polk County, Florida

Webber, Irving Leonard
(Ehrmann, W. W.)

The Role of the University Faculty in the Social Structure of Gainesville

SPEECH

Graduate Theses and Dissertations

(Names in parentheses signify the director of the research)

Baker, Roy E.
(Weaver, J. Clark)

A Study of the Utilization of Educational Radio in Selected High Schools in Florida

Barrett, Marvilyn Tippett
(Weaver, J. Clark)

A Comparative Study of the Public Service Aspects of Radio Broadcasting by the Independent Radio Station and the Network-Affiliate Station

Eubanks, Ralph T.
(Dickey, Dallas)

The Major Senatorial Speeches of William C. Freston

Lahaie, Ralph Vernon
(Hale, L. L.)

Selected Factors Influencing the Hearing Aid Industry

McBride, Sara Ann
(Eubanks, W.)

Forensic Activities at the University of Florida, 1905, to 1932: With Special Attention to the Literary Societies

Nelson, Donald Wayne
(Dickey, D. C.)

A Study of the Senatorial Speaking of Robert Y. Hayne
(Nelson, Donald W., "A Study of the Senatorial Speaking of Robert Y. Hayne" *Southern Speech Journal,* Vol. 16, p. 62 [1950])

Reed, Jr., Charles E.
(Dierlam, Robert)

An Historical Study of Professional Dramatic Entertainment in Little Rock, Arkansas, 1889-1899

Strawn, Charlene Stevenson
(Hale, L. L.)

The Teaching of Spoken English as a Foreign Language to Latin American students

FLORIDA AGRICULTURAL EXPERIMENT STATIONS

Active Projects, July 1, 1950

Listed below are some 200 active projects covering research in 12 departments at the Main Station, and at 9 Branch Stations and 4 Field Laboratories located at strategic points in the State. Bulletins, and many articles in periodicals and journals, are published annually which give results of these investigations. Requests for this information should be addressed directly to the Main Station at Gainesville.

MAIN STATION

AGRICULTURAL ECONOMICS

154	H. G. Hamilton A. H. Spurlock C. V. Noble	Farmers' Cooperative Associations in Florida
186	Zach Savage C. V. Noble	Cost of Production and Grove Organization Studies of Florida Citrus
395	A. H. Spurlock R. E. L. Greene D. L. Brooke C. V. Noble	Input and Output Data for Florida Crop and Livestock Production
429	R. E. L. Greene H. G. Hamilton D. E. Alleger	Analysis of Farms and Markets in the Plant City Area with Respect to Post-War Economic Problems
451	Norman Rose	Crop and Livestock Estimating on Florida Farms with Emphasis on Vegetable Crops
480	D. L. Brooke	Cost of Production and Returns on Vegetable Crops in Florida
485 (SM-5)	R. E. L. Greene C. V. Noble	Spoilage in Marketing Early Irish Potatoes (In cooperation with USDA and other States)

486 (SM-4)	H. G. Hamilton C. V. Noble H. W. Little	Cost and Factors Affecting the Cost of Marketing Citrus Fruits in Fresh and Processed Form. (In cooperation with USDA and other States)
519 (SM-4)	H. G. Hamilton Tallmadge Bergen C. V. Noble	The Consumer Pattern for Citrus Fruit. (In cooperation with USDA and other States)
520	H. G. Hamilton	Coordinated Selling of Citrus Fruits
530	D. E. Alleger C. V. Noble	Methods of Leasing Farm Land in Florida
556	D. E. Alleger	Farm Rental Arrangements in Florida
562 (ES-41)	D. E. Kimmel H. G. Hamilton	Factors Affecting the Demand for Citrus Fruits. (In cooperation with USDA and other States)

(For cooperation with other departments, see HORTICULTURE and DAIRY HUSBANDRY AND MANUFACTURERS)

AGRICULTURAL ENGINEERING

536	J. M. Myers G. B. Killinger R. W. Bledsoe	Curing Hay in Florida (In cooperation with AGRONOMY)

(For cooperation with other departments see AGRONOMY)

AGRONOMY

20	W. A. Carver F. H. Hull F. A. Clark	Peanut Improvement
56	F. H. Hull G. E. Ritchey F. A. Clark W. A. Carver	Variety Test Work with Field Crops

163	F. H. Hull M. G. Grennell	Corn Fertilizer Experiments (In cooperation with AGRICULTURAL ENGINEERING)
295	G. B. Killinger R. W. Bledsoe	Effects of Fertilizers on Yield, Grazing Value, Chemical Composition and Botanical Make-up of Pastures
297	G. E. Ritchey F. H. Hull	Forage Nursery and Plant Adaptation Studies
298	G. E. Ritchey F. H. Hull M. G. Grennell	Forage and Pasture Grass Improvement
301	G. B. Killinger G. E. Ritchey R. W. Bledsoe J. D. Warner L. G. Thompson, Jr.	Pasture Legumes (In cooperation with NORTH FLORIDA STATION)
304	G. B. Killinger	Methods of Establishing Permanent Pastures under Various Conditions
369	R. W. Bledsoe G. B. Killinger	Effect of Environment on Composition of Forage Plants
372	F. A. Clark F. H. Hull W. A. Carver	Flue-Cured Tobacco Improvement
374	F. H. Hull W. A. Carver E. S. Horner	Corn Improvement
417	G. B. Killinger	Methods of Producing, Harvesting and Maintaining Pasture Plants and Seed Stocks
440	H. C. Harris R. W. Bledsoe	The effect of Cu, Mn, Zn, B, S and Mg on the Growth of Grain Crops, Forage Crops, Pastures and Tobacco

444	F. A. Clark G. M. Volk	Permanent Seedbeds for Tobacco Plants (In cooperation with SOILS)
487 (S-13)	W. A. Carver R. W. Earhart D. D. Morey	Improvement of Small Grain Through Breeding, Disease and Physiological Studies (In cooperation with PLANT PATHOLOGY, USDA, and other States)
488	H. C. Harris R. W. Bledsoe	Nutrition and Physiology of the Peanut
555	F. A. Clark H. C. Harris R. W. Bledsoe	Fertilization and Culture of Flue-Cured Tobacco (In cooperation with AGRICULTURAL ENGINEERING)

(For cooperation with other departments, see AGRICULTURAL ENGINEERING, ANIMAL HUSBANDRY AND NUTRITION, ENTOMOLOGY and POULTRY HUSBANDRY)

ANIMAL HUSBANDRY AND NUTRITION

133	G. K. Davis R. L. Shirley M. A. Jeter R. B. Becker P. T. D. Arnold D. A. Sanders W. G. Kirk R. S. Glasscock R. W. Kidder R. V. Allison D. W. Beardsley T. C. Erwin	Mineral Requirements of Cattle (In cooperation with VETERINARY SCIENCE, EVERGLADES STATION, and RANGE CATTLE STATION)
346	G. K. Davis R. L. Shirley R. D. Owens M. A. Jeter L. R. Arrington	Investigations with Laboratory Animals of Mineral Nutrition Problems of Livestock

356	G. K. Davis Katherine Boney E. M. Hodges	Biological Analysis of Pasture Herbage
412	R. S. Glasscock G. B. Killinger	Beef Yield and Quality from Various Grasses, from Clover and Grass Mixtures, and Response to Fertilized and Unfertilized Pastures (In cooperation with AGRONOMY)
426	G. K. Davis Leon Singer	Toxicity of *Crotalaria spectabilis* (Roth)
461	R. S. Glasscock T. J. Cunha A. M. Pearson	Supplemental Feeds for Nursing Beef Calves
512	R. S. Glasscock T. J. Cunha A. M. Pearson	Sweet Lupine Seed as a Protein Supplement for Growing and Fattening Beef Cattle
518	C. F. Winchester G. K. Davis	Thyroid Function in Chickens
540	T. J. Cunha S. J. Folks A. M. Pearson R. S. Glasscock	Citrus Molasses for Feeding Swine
541	T. J. Cunha S. J. Folks A. M. Pearson R. S. Glasscock	Feeding Values of Florida Hays for Swine
542	T. J. Cunha S. J. Folks A. M. Pearson R. S. Glasscock	Supplemental Feeds for Sows During Reproduction and Lactation on Florida Pastures
543	R. S. Glasscock T. J. Cunha A. M. Pearson F. S. Baker, Jr.	Roughages for Maintenance and Growth of Beef Cattle in Florida (In cooperation with NORTH FLORIDA STATION)

546	A. M. Pearson R. S. Glasscock T. J. Cunha	Loss of Nutrients in Drip from Defrosted Frozen Meat

(For cooperation with other departments, see DAIRY HUSBANDRY, POULTRY HUSBANDRY)

DAIRY HUSBANDRY AND MANUFACTURES

140	R. B. Becker P. T. D. Arnold R. S. Glasscock G. K. Davis	Relation of Conformation and Anatomy of the Dairy Cow to Her Milk and Butterfat Production (In cooperation with ANIMAL HUSBANDRY AND NUTRITION)
213	R. B. Becker P. T. D. Arnold G. K. Davis S. P. Marshall	Ensilability of Florida Forage Crops (In cooperation with ANIMAL HUSBANDRY AND NUTRITION)
345	R. B. Becker P. T. D. Arnold A. H. Spurlock S. P. Marshall	Factors Affecting Breeding Efficiency and Depreciation in Florida Dairy Herds (In cooperation with AGRICULTURAL ECONOMICS)
497	E. L. Fouts W. A. Krienke L. E. Mull	Influence of Water Constituents (Minerals) on the Physical Properties and Whipping Quality of Ice Cream Mixes
534	W. A. Krienke E. L. Fouts M. F. Mays	Cooling and Aging of Ice Cream Mixes
564	S. P. Marshall P. T. D. Arnold R. B. Becker H. L. Somers A. B. Sanchez	Post Partum Development of Bovine Stomach Compartments and Observations on Some Characteristics of Their Contents

ENTOMOLOGY

380	A. N. Tissot L. C. Kuitert J. W. Wilson E. G. Kelsheimer	Biology and Control of Cutworms and Armyworms in Florida (In cooperation with CENTRAL FLORIDA STATION and VEGETABLE CROPS LABORATORY)
385	H. E. Bratley	Effect of Mulches on the Root-Knot Nematode
531	L. C. Kuitert	Control of Insect and Arachnid Pests of Woody Ornamentals
537	L. C. Kuitert F. A. Clark A. N. Tissot	Control of Insect Pests of Flue-Cured Tobacco (In cooperation with AGRONOMY)

(For cooperation with other departments, see PECAN INVESTIGATIONS LABORATORY)

HOME ECONOMICS

442	O. D. Abbott R. B. French	Assessment of the Nutritive Value of Certain Supplements when Added to Basal Diets of Enriched and Unenriched Breads
443	O. D. Abbott R. B. French	Vitamin B Content of Foods
516	O. D. Abbott	Effect of Processing and Storage Upon the Nutritive Value of Milk

HORTICULTURE

50	R. D. Dickey G. H. Blackmon	Propagation, Planting and Fertilizing Tests with Tung Oil Trees
52	R. D. Dickey R. J. Wilmot Austin Griffiths	Testing of Native and Introduced Shrubs and Ornamentals and Methods for Their Propagation

187	G. H. Blackmon R. D. Dickey R. J. Wilmot R. H. Sharpe	Variety Tests of Minor Fruits and Ornamentals
282	F. S. Jamison L. H. Halsey F. E. Myers V. F. Nettles	Selection and Development of Varieties and Strains of Vegetables Adaptable to Commercial Production in Florida
365	R. D. Dickey F. S. Lagasse G. H. Blackmon	Cultural Requirements of the Mu-Oil Tree (In cooperation with USDA)
375	G. H. Blackmon R. H. Sharpe	The Relation of Zinc and Magnesium to Growth and Reproduction in Pecans
391	F. S. Jamison F. E. Myers V. F. Nettles N. C. Hayslip E. A. Wolf W. A. Hills A. N. Brooks G. D. Ruehle R. W. Ruprecht B. F. Whitner, Jr. E. N. McCubbin A. H. Eddins D. G. A. Kelbert	Vegetable Variety Trials (see also SUB-TROPICAL, EVERGLADES, AND CENTRAL FLORIDA STATIONS; VEGETABLE CROPS, STRAWBERRY AND POTATO INVESTIGATIONS LABORATORIES)
432	G. H. Blackmon R. H. Sharpe	Effects of Boron on Certain Deciduous Fruits and Nuts (In cooperation with SOILS)
435	V. F. Nettles	Irrigation of Vegetable Crops
452	R. J. Wilmot Nathan Gammon, Jr. Austin Griffiths	Culture and Classification of Camellias and Related Genera (In cooperation with SOILS)

468	R. A. Dennison	Quality of Vegetables as Related to Fertilizing Materials with Emphasis on Potash Salts
473	R. A. Dennison H. M. Reed	Freezing Preservation of Certain Florida Grown Vegetables
475	V. F. Nettles	Effect of Soil Fumigants on Yield and Quality of Vegetables
483	R. K. Showalter L. H. Halsey A. H. Spurlock	Consumer Packaging of Vegetables (Except Tomatoes) (In cooperation with AGRICULTURAL ECONOMICS)
484 (SM-3)	R. K. Showalter A. H. Spurlock L. H. Halsey	Packaging of Tomatoes (In cooperation with AGRICULTURAL ECONOMICS: also with USDA and other States)
501	A. P. Lorz	Vegetable Breeding
521	F. S. Jamison V. F. Nettles L. H. Halsey	Tomato Ripening
526	H. M. Reed R. A. Dennison	Canning Florida Grown Vegetables

(For cooperation with other departments, see NORTH FLORIDA, and WEST FLORIDA STATIONS)

PLANT PATHOLOGY

259	Erdman West Lillian Arnold	Collection and Preservation of Specimens of Florida Plants
281	W. B. Tisdale	Damping-Off Vegetable Seedlings
344	Phares Decker	Phomopsis Blight and Fruit Rot of Eggplant
455	Erdman West	Camellia Diseases

463	Phares Decker T. E. Webb	Lupine Investigations (In cooperation with NORTH FLORIDA STATION)
524	Lillian Arnold John D. Haynie	Nectar and Pollen Plants of Florida
538	C. W. Anderson	Cucurbit Mosaics on Vegetables and Other Plants
563	H. N. Miller	Causes and Control of Diseases of Potted Plants

(For cooperation with other departments, see AGRONOMY)

POULTRY HUSBANDRY

450	N. R. Mehrhof G. B. Killinger	Grazing Experiments with Poultry (Chickens) (In cooperation with AGRONOMY)
503	N. R. Mehrhof A. W. O'Steen F. S. Perry J. C. Driggers	Broiler Feeding Trials
551	J. C. Driggers R. L. Shirley G. K. Davis N. R. Mehrhof	Utilization of Calcium and Phosphorus by Poultry as Determined with Radioactive Isotopes (In cooperation with ANIMAL HUSBANDRY AND NUTRITION)

SOILS

328	F. B. Smith G. D. Thornton	Interrelationship of Microbiological Action in Soils and Cropping Systems in Florida
347	F. B. Smith J. R. Henderson C. E. Bell R. A. Carrigan Nathan Gammon, Jr.	Composition of Florida Soils and of Associated Nativ Vegetation

368	F. B. Smith G. D. Thornton G. B. Killinger	Factors Affecting the Growth of Legume Bacteria and Nodule Development (In cooperation with AGRONOMY)
389	F. B. Smith J. R. Henderson R. E. Caldwell R. G. Leighty J. H. Walker O. E. Cruz V. W. Carlisle	Classification and Mapping of Florida Soils
404	F. B. Smith Nathan Gammon, Jr. J. R. Neller R. A. Carrigan G. M. Volk H. W. Lundy D. W. Jones	Correlation of Soil Characteristics with Pasture Crop and Animal Response (In cooperation with RANGE CATTLE and WEST FLORIDA STATION)
428	J. R. Neller	Availability of Phosphorus from Various Phosphates Applied to Different Soil Types
433	H. W. Winsor	Retention and Utilization of Boron in Florida Soils
446	F. B. Smith F. D. Thornton	Testing Soils and Limestone
447	R. A. Carrigan	Availability and Leaching of Minor Elements in Florida Soil
493	L. G. Thompson, Jr. W. J. Friedmann	Soil Management Investigations (In cooperation with NORTH FLORIDA STATION)
513	G. M. Volk Nathan Gammon, Jr.	Maintenance of Available Nitrogen in Florida Soils

(For cooperation with other departments, see AGRONOMY, HORTICULTURE, NORTH FLORIDA AND WEST FLORIDA STATIONS)

VETERINARY SCIENCE

353	D. A. Sanders C. F. Simpson	Infectious Bovine Mastitis
424	M. W. Emmel	The "transmission agent" of Fowl Leucosis
459	E. G. Batte L. E. Swanson	Control of the Common Liver Fluke in Cattle
462	D. A. Sanders C. F. Simpson	Anaplasmosis in Cattle
517	Glenn Van Ness	Factors Influencing the Development of Pullet Disease
554	L. E. Swanson	Control of Internal Parasites of Cattle
557	L. E. Swanson E. G. Batte	Control of External Parasites of Cattle

BRANCH STATIONS

CENTRAL FLORIDA STATION

494	R. W. Ruprecht P. J. Westgate	Improvement of Cultural Practices for Cabbage, Lettuce, Celery and Other Vegetable Crops
336	J. W. Wilson	Cercospora Blight of Celery
495	R. W. Ruprecht P. J. Westgate	Liquid Fertilizers for Vegetable Crops
496	P. J. Westgate	Soil Management Problems in Vegetable Crop Fields
501	R. W. Ruprecht	Vegetable Breeding
523	J. R. Christie E. G. Kelsheimer E. L. Spencer J. M. Walter V. G. Perry	Control of Nematodes Injurious to Vegetable Crops (In cooperation with USDA and VEGETABLE CROPS LABORATORY)

(For cooperation with other departments, see ENTOMOLOGY, HORTICULTURE, and VEGETABLE CROPS LABORATORY)

CITRUS EXPERIMENT STATION

26	A. F. Camp H. O. Sterling	Citrus Progeny and Bud Selection
102	A. F. Camp H. O. Sterling	Variety Testing and Breeding
185	R. F. Suit C. R. Stearns, Jr.	Investigations of Melanose and Stem-End Rot of Citrus Fruits
340	A. E. Wilson W. L. Thompson H. J. Reitz I. W. Wander J. W. Sites	Citrus Nutrition Studies
341	W. L. Thompson	Combined Control of Scale Insects and Mites on Citrus
508	R. K. Voorhees W. T. Long	Water Relations with Citrus in the Coastal Citrus Areas
509	R. F. Suit E. P. Ducharme L. C. Knorr H. W. Ford	The Nature, Causes and Control of Citrus Decline
510	J. T. Griffiths	Insect Parasitism and Related Biological Factors as Concerned with Citrus Insect and Mite Control
511	Francine E. Fisher	Diseases of Citrus Insects
547	J. C. Bowers D. S. Prosser, Jr. A. H. Rouse	Bulk Handling of Fresh Fruit for Packinghouses
548	D. S. Prosser, Jr.	Portable Citrus Sampling Device
550	L. W. Faville E. C. Hill	Microbiology of Frozen Concentrated Citrus Juices

552	D. S. Prosser, Jr.	Mechanical Grove Duster
561	L. W. Faville E. C. Hill	Coliform Organisms in Frozen Concentrated Citrus Juices

EVERGLADES EXPERIMENT STATION

85	W. N. Stoner W. D. Hogan	Fruit and Forest Tree Trials and Other Introductory Plantings
86	W. T. Forsee, Jr. E. A. Wolf W. A. Hills	Soil Fertility Investigations Under Field and Greenhouse Conditions
87	N. C. Hayslip W. G. Genung	Insect Pests and Their Control
88	W. T. Forsee, Jr. T. C. Erwin	Soils Investigations
89	R. V. Allison J. C. Stephens	Water Control Investigations
168	W. T. Forsee T. C. Erwin R. V. Allison	The Role of Special Elements in Plant Development upon the Peat and Muck Soils of the Everglades
169	N. C. Hayslip Thos. Bregger Ralph Mathes	Studies Upon the Prevalence and Control of the Sugarcane Moth Borer, *Diatraea saccharalis* (Fab.) (In cooperation with USDA)
171	Thos. Bregger	Cane Breeding Experiments
195	R. A. Bair R. W. Kidder	Pasture Investigations on the Peat and Muck Soils of the Everglades
202	F. D. Stevens	Agronomic Studies with Sugarcane
203	R. A. Bair	Forage Crops Investigations
204	R. A. Bair	Grain Crop Investigations

205	R. A. Bair	Seed Storage Investigations
206	R. V. Allison H. M. Byrom T. C. Erwin C. C. Seale H. D. Whittemore	Fiber Crop Investigations (In cooperation with USDA)
208	F. D. Stevens	Agronomic Studies Upon the Growth of Syrup and Forage Canes in Florida
210	W. H. Stoner H. D. Hogan	Leaf Blights of Vegetable Crops
458	W. H. Stoner W. D. Hogan R. A. Conover	Sclerotiniose Disease of Vegetables (In cooperation with SUB TROPICAL STATION)
533	R. A. Bair	Grasses for Lawns, Recreational Areas, Parks, Airports, and Roadsides
545	R. W. Kidder D. W. Beardsley	Breeding of Beef Cattle for Adaptation to South Florida Conditions
549	R. W. Kidder D. W. Beardsley	Utilization of Feeds and Forages for Beef Production in the Everglades and Lower East Coast of Florida
558	W. N. Stoner W. D. Hogan	Viruses Affecting Vegetable Crops in the Everglades
559	W. H. Thames, Jr. W. G. Genung	Control of Nematodes and Subterranean Insects Injurious to Cultivated Crops
560	J. W. Randolph K. A. Harris E. M. Dull E. W. King C. S. Yager	Spraying and Dusting Equipment

(For cooperation with other departments, see ANIMAL HUSBANDRY AND NUTRITION and HORTICULTURE)

NORTH FLORIDA STATION

33	R. R. Kincaid	Disease Resistant Varieties of Tobacco
80	G. H. Blackmon R. H. Sharpe J. D. Warner	Cooperative Cover-Crop Tests in Pecan Orchards (In cooperation with HORTICULTURE)
260	W. H. Chapman	Grain Crop Investigations
261	J. D. Warner	Forage Crop Investigations
411	R. R. Kincaid	Two-Year Rotations for Cigar Wrapper Tobacco
491	F. S. Baker, Jr.	Production of Feeder Pigs
498	F. S. Baker, Jr.	Utilization of Pastures in the Production of Beef Cattle
525	W. C. Rhoads	Control of the Green Peach Aphid on Cigar Wrapper Tobacco
528	R. R. Kincaid G. M. Volk	Soil Fumigation for Cigar Wrapper Tobacco (In cooperation with SOILS)
532	R. R. Kincaid	Management of Cigar Wrapper Tobacco Plantbeds
535	W. K. Robertson R. W. Lipscomb	Soil Management Investigations (In cooperation with SOILS)

(For cooperation with other departments, see AGRONOMY, ANIMAL HUSBANDRY AND NUTRITION, PLANT PATHOLOGY and SOILS)

RANGE CATTLE STATION

390	W. G. Kirk E. M. Kelly	Breeding Beef Cattle for Adaptation to Florida Environment
410	W. G. Kirk E. M. Hodges	Wintering Beef Cows on the Range

423	E. M. Hodges W. G. Kirk D. W. Jones	Effect of Fertilization and Seeding on the Grazing Value of Flatwoods Pastures
466	David W. Jones E. M. Hodges	Fluctuations in Water-Table Levels in Immokalee Fine Sand and Associated Soil Types
476	W. G. Kirk E. M. Kelly	Utilization of Citrus Products for Fattening Cattle

SUB-TROPICAL EXPERIMENT STATION

275	F. B. Lincoln	Citrus Culture Studies
276	F. B. Lincoln R. W. Harkness	Avocado Culture Studies
279	R. A. Conover	Diseases of Minor Fruits and Ornamentals
280	Milton Cobin G. D. Ruehle	Sub-Tropical Crops of Minor Economic Importance
285	J. L. Malcolm G. D. Ruehle	Potato Culture Investigations
286	J. L. Malcolm	Tomato Culture Investigations
287	F. B. Lincoln	Cover Crop Studies
289	G. D. Ruehle	Control of Potato Diseases in Dade County
290	R. A. Conover	A Study of Diseases of the Avocado and Mango and Development of Control Measures
291	R. A. Conover	Control of Tomato Diseases
422	R. A. Conover G. D. Ruehle	Disease of the Tahiti (Persian) Lime

470	D. O. Wolfenbarger	Biology and Control of Insects Affecting Sub-Tropical Fruits
471	D. O. Wolfenbarger	Biology and Control of Insects Affecting Winter Vegetable Crops
472	D. O. Wolfenbarger	Control of Pineapple Mealybug, *Pseudococcus brevipes* (ckll.)
505	R. A. Conover	Importance, Etiology, and Control of Papaya Diseases
514	Milton Cobin	Sub-Tropical and Tropical Plant Introductions
515	Milton Cobin R. W. Harkness	Mango Selection, Propagation, and Culture
522	G. D. Ruehle	Guava Propagation, Culture, Breeding and Selection

(For cooperation with other departments, see HORTICULTURE, and EVERGLADES STATION)

WEST FLORIDA EXPERIMENT STATION

553	H. W. Lundy	Testing Miscellaneous Fruits and Nuts (In cooperation with HORTICULTURE)
544	C. E. Hutton H. W. Lundy W. J. Friedmann	Soil Management Investigations (In cooperation with SOILS)

(For cooperation with other departments, see SOILS)

FIELD LABORATORIES

PECAN INVESTIGATIONS LABORATORY

379	A. M. Phillips	Control of the Nut and Leaf Casebearers of Pecans (In cooperation with USDA)

539	J. R. Large A. M. Phillips	Control of Scab and Other Foliage Diseases of Pecans

POTATO INVESTIGATIONS LABORATORY

419	A. H. Eddins	Downy Mildew of Cabbage
465	E. N. McCubbin	Fertility Studies in Cabbage Production
469	E. N. McCubbin	Improvement of Potato Cultural Practices
500	A. H. Eddins	Alternaria Leaf Spot of Cabbage and Other Crucifers
527	A. H. Eddins	Cabbage Diseases Other than Downy Mildew and Alternaria Leaf Spot
529	A. H. Eddins	Potato Diseases

(For cooperation with other departments, see HORTICULTURE)

STRAWBERRY INVESTIGATIONS LABORATORY

499	A. N. Brooks	Strawberry Variety Trials

(For cooperation with other departments, see HORTICULTURE)

VEGETABLE CROPS LABORATORY

398	J. M. Walter D. G. A. Kelbert	Breeding for Combining Resistance to Diseases and Insects in the Tomato
401	E. G. Kelsheimer J. W. Wilson	Control of the Lepidopterous Larvae Attacking green Corn (In cooperation with CENTRAL FLORIDA STATION)
402	E. L. Spencer	Symptoms of Nutritional Disorders of Vegetable Crop Plants
445	E. G. Kelsheimer	The Insecticidal Value of DDT and Related Synthetic Compounds on Vegetable Crop Insects in Florida

448	E. L. Spencer	Rapid Soil Tests for Determining Soil Fertility in Vegetable Crop Production
449	J. M. Walter	Organic Fungicides for the Control of Foliage Diseases of Vegetables
464	R. O. Magie	Gladiolus Variety Trials
502	R. O. Magie	Controlling Gladiolus Corm Diseases
504	R. O. Magie E. G. Kelsheimer	Controlling Insect Pests of Gladiolus
506	R. O. Magie	Etiology and Control of Certain Epiphytotic Diseases of Gladiolus

(For cooperation with other departments, see ENTOMOLOGY, HORTICULTURE, and CENTRAL FLORIDA STATION)

WATERMELON AND GRAPE INVESTIGATIONS LABORATORY

150	G. K. Parris	Investigation of and Control of Fusarium Wilt, a Fungus Disease of Watermelon Caused by *Fusarium niveum* (EFS)
151	G. K. Parris	Investigation of and Control of Fungus Diseases of Watermelon
254	G. K. Parris L. H. Stover	Investigation of Fruit Rots of Grapes

FLORIDA ENGINEERING AND INDUSTRIAL EXPERIMENT STATION

Active Projects — July 1, 1950

The Florida Engineering and Industrial Experiment Station is an integral part of the College of Engineering. All funds for research by members of the staff or graduate students are handled through the Station. In addition to the normal academic research, the Station organizes and promotes the prosecution of research projects with special reference to such problems as are important to the development of industries in Florida. Three series of publications are available, including (a) Bulletions, (b) Technical Papers, and (c) Leaflets. Requests for information on any particular project or copies of publications should be addressed to the Director of the Station.

AERONAUTICAL ENGINEERING

Project Number	Professional Staff	Name and Project
4908		Airborne Spray Nozzle Ground Dispersal Patterns
5011		Spray Pattern Analysis Service
5012	V. G. Polovkas	Effect of High Velocity Wind and Rain on Building Components

CHEMICAL ENGINEERING

4416	A. L. Kimmel W. Davis	Fundamental Corrosion Studies
4514	R. C. Specht	Plastic Mounting
4605	R. D. Walker R. Nokay	Scale Elimination in Citrus Press Water Evaporation
4613	A. F. Greaves-Walker A. P. Welch	Ceramic Structural Parts
4724	H. M. Hawkins J. H. Gary T. A. Leeper Y. S. Tang	Radiant Heat Transfer

4724A	H. E. Schweyer Y. S. Tang	Momentum and Heat Transfer to Particles in Gas Streams
4728	W. J. Nolan E. C. Su R. L. Harvin C. W. Rothrock	Pulp and Paper Research
4732	R. D. Walker	Adsorptive Properties of Florida Clays
4812	D. L. Emerson R. M. Haire	Utilization of Tall Oil
4812A	T. A. Leeper	Kinetics of the Tall Oil Pentaerythritol Reaction
4812B		Use of Tall Oil and Tall Oil Heavy Metal Salts in Wood Treatment
4813	S. S. Block	Prevention of Tropical Deterioration
4814	Mack Tyner	Limerock Products
4816	H. M. Hawkins M. P. Moyle	Solar Energy Studies
4901	S. S. Block R. L. Stephens	Growth of Higher Fungi on Waste Liquors
4916	A. F. Greaves-Walker A. P. Welch	Lightweight Aggregate from Florida Clays
4918	R. C. Specht	Flourine Compounds from Phosphate Rock
4924	H. E. Schweyer J. H. Gary	Reduction of Sulfur Content of Raw Lubricating Oils
4927	A. F. Greaves-Walker A. P. Welch	Mineral Wool
4930	H. E. Schweyer Remzi Nokay	Characteristics of Oil Bearing Sands in Florida

5003	S. S. Block	Insect Tests on Louver Screening
5006	J. M. Duncan	Concentration by Direct Contact Freezing
5007	R. C. Specht	Phosphate Slime Consolidation
5008	W. J. Nolan Er-Ching Su	Sodium Sulphide in Kraft Pulping
5009	Mack Tyner M. P. Moyle	Effect of Temperature in Mass Transfer
5013	R. D. Walker	Spray Drying Sugar Cane Juice
5018	A. L. Kimmel	Corrosion Resistant Protective Coatings for Iron and Steel Structures
5021	J. H. Simons	Research on Flourine-Carbon Compounds

CIVIL ENGINEERING

4301	S. L. Bugg	Limerock Concrete & Test Road
4706	L. J. Ritter	Foundation Investigation for Engineering and Industries Building
4713	G. R. Grantham W. T. Calaway J. E. Kiker E. B. Phelps	Sewage Treatment Methods
4801	G. R. Grantham W. T. Calaway	Trickling Filter Performance
4810	J. E. Kiker	Diatomaceous Earth Filters
4823		Florida Rainfall Patterns
4907	G. R. Grantham W. T. Calaway E. B. Phelps	Industrial Waste Study
4911	C. D. Williams	Fatigue Characteristics — Variable Cycle Loading

4912	C. D. Williams D. A. Firmage	Stress Distribution — Partial Length Cover Plates
4913	L. J. Ritter	Utilization of Beach Coquina
4916A	S. L. Bugg	Lightweight Aggregate Concrete
4928	G. R. Grantham W. T. Calaway J. E. Kiker M. E. Dawkins	Sludge Digestion Studies
4929	L. J. Ritter S. E. Lee	County Engineering Soil Maps
5002	J. E. Kiker E. P. Phelps W. T. Calaway G. R. Grantham	High Rate Chemical Precipitation of Sewage

ELECTRICAL ENGINEERING

4511	William Kessler Wallace Zetrouer S. E. Smith	Sferics
4512	P. M. Tedder R. E. Carroll G. H. Childers R. C. Johnson Richard Morse R. H. Redfield C. V. Shaffer	Electronic Instrumentation
4609	R. S. Hoff A. W. Sullivan	Low Frequency Noise and Propagation Studies
4818	W. F. Fagen J. B. Allen	Vibrator Motor
4922	W. W. Harman	Millimeter Wave Generation
4926	M. Latour D. C. Bunting	Weather Radar

4931	P. M. Nelson R. S. Hoff	Infinite Impedance Detector
5001	W. F. Fagen E. D. Kennedy	Vertical Component Seismometer
5004	D. C. Bunting	Effect of Atmospheric Pollution on Textiles
5005	P. M. Tedder C. V. Shaffer R. E. Carroll G. H. Childers C. K. Brown	Ultrasonics Exploratory Investigation

ENGINEERING MECHANICS

4705	C. G. Edson	Water Conditions and Conservation in Florida
4727	T. O. Neff	Investigation of Timber Joints

INDUSTRIAL ENGINEERING

4925	R. J. Cummings J. O. P. Hummel	Work Simplification and Standardization

MECHANICAL ENGINEERING

4513	Norman Bourke	Low Velocity Stream Meter
4714	H. B. Williams W. H. Bussell, Jr. D. C. Kiscaden	Agricultural Machinery, Development of
4725	G. E. Remp	Gas-Side Sulphate Deposits
4802	J. T. Leggett F. M. Flanigan	Periodic Heat Transmission
4824	F. L. Prescott	Compound Internal Combustion Engine
4904	W. T. Tiffin	Nitriding of Stainless Steels

4914	J. T. Leggett G. E. Sutton	Frost Protection by Shallow Flooding
4915	J. T. Leggett G. E. Sutton	Cooling Rates of Commodities
4921	J. H. Smith J. T. Leggett	Ice Air Conditioner
4932	J. T. Leggett G. E. Sutton	Air Entrainment in Hot Water Systems
5010	W. T. Tiffin	Tung Nut Harvester, Preliminary Survey on a
5019	J. T. Leggett	Construction of Refrigerators and Freezers for Use on the Farm
5020	J. T. Leggett Jack H. Smith	Roof Spray System for Florida Gymnasium

SPECIAL PROJECTS

4715	M. E. Ryberg H. W. Burney	Naval Stores Mechanization
4819	C. F. Byers E. L. Pierce B. B. Leavitt	Red Tide Phenomenon

CANCER RESEARCH LABORATORY

The Cancer Research Laboratory was established in the Fall of 1949. Because of the nature of cancer, it seemed desirable to attack the problem on a broad front. To avoid diffusion of efforts, its research projects have been in the nature of spearheads of intensive investigation.

Breidenbach, Andrew

"Gastro-Histological Observation after Dye Administration in Rats" (Completed)

Conroy, Cecelia E.

"Intracellular Calcium of Normal and Eugenol Irritated Gastric Mucosa of Rats" (Completed)

Jung, Mary Lois

"Physical Constants of Compounds for Cancer Research" (Completed)

Peters, John H.

"Synthesis of Possible Gastro-Carcinogenic Compounds" (Completed)

Ray, Francis and Argus, Mary F.

"Carcinogenic Derivatives of Fluorene Containing Isotopic Nitrogen" (Accepted for publication by *Cancer Research*)

"Studies on the Metabolism, Distribution, and Excretion of 2-p-Tuluenesulfonamidofluorene S^{35} in the Rat" (Completed)

Ray, Francis E. and Jung, Mary Lois

"A Basis for the Selection of Carcinogens Likely to Produce Experimental Gastric Cancer" (Completed)

Sgouris, James T.

"The Effect of Histamine on the Parietal Cells and Other Cellular Components of the Gastric Mucosa of the Rat" (Completed)
Work in progress under United States Public Health Service Grants:

"Experimental Production of Gastric Cancer in Animals by Chemical

Means."

"Synthesis of Radioactive and Other Derivatives of the Carcinogen 2-Acetylaminofluorene" (Collaborative project with the National Cancer Institute).

"The Localization of Radioactive Sulfur Compounds in Tumors."

"To Develop a Reliable and Objective Method of Measuring the Carcinogenicity of a Compound."

Work in progress in collaboration with the Physics Department under a grant from the Atomic Energy Commission:

"Bioelectric Potentials"

"X-Ray Seed Injury"

BUREAU OF ECONOMIC AND BUSINESS RESEARCH

Publications:

ECONOMIC LEAFLETS SERIES

A monthly publication dealing with commerce, finance, manufacturing, insurance, government, and related fields. The articles in this series for the 1949-50 academic year are:

AUTHOR	TITLE	DATE
Sigismond deR. Diettrich	Osceola County, Florida, Its Resources and Their Use	July, 1949
Ernest C. Collins	Latin American International Trade	August, 1949
L. M. Bristol and W. W. Ehrmann	Marriages and Divorces in Florida in Recent Years	September, 1949
J. E. Dovell and C. H. Donovan	The Teachers' Retirement System of Florida	October, 1949
C. Arnold Matthews	Devaluation and Price Adjustment—A Preliminary Appraisal	November, 1949
Hulda Grobman	Florida's Proposed Constitutional Amendments	December, 1949
Francis L. Hauser	National Policy and Community Planning Part I	January, 1950
Francis L. Hauser	National Policy and Community Planning Part II	February, 1950
C. H. Donovan	Where Florida Cities Get Their Money	March, 1950
F. W. Parvin	Is Florida's Pasture Development at an Economic Crossroads?	April, 1950
G. H. Blackmon	The Ornamental Horticultural Industry in Florida	May, 1950
C. Arnold Matthews	Devaluation and International Economic Policies	June, 1950

Studies in progress:

Study of Florida Manufacting

A survey of Florida manufacturing covering:

1. Postwar and present day manufacturing in Florida
2. Comparative manufacturing in Florida and other states
3. Influences shaping manufacturing development in Florida
4. Potential development of Florida manufacturing

This study will be published in three reports in the coming fiscal year.

Community Economic Survey of Gainesville, Florida. —

This study is being made at the request of the Gainesville Chamber of Commerce. The primary purpose of this survey is to obtain absolute and comparative measures of certain factors basically affecting production, employment, income, and population distribution in the city and the immediate suburbs, and to publish these results in a condensed and graphic form primarily intended for the nontechnical reader.

Survey of the Mortgage Market of Jacksonville, Florida. —

The objectives of this study are threefold:

1. To obtain an analytical description of the structure and the operation of the mortgage market of Jacksonville, Florida, especially as related to the cost and facility of housing provision.
2. To formulate a technique on the basis of knowledge drawn from experience with the subject study, for making similar studies elsewhere.
3. To prepare suggestions for the creation of a current reporting system on conditions in the mortgage markets of the United States.

BUREAU OF EDUCATIONAL RESEARCH

By action of the faculty of the College of Education, the Bureau of Educational Research has been abolished. Hereafter research will be a function of the various departments of the College. This will be the last report from the Bureau of Educational Research.

McCartha, Carl W.

Evaluation of Teacher Merit in the Southeastern States
Bulletin 73, mimeographed, 45 pp., August, 1949

McCarty, Pearl S.

Reading Interests of Florida Secondary School Pupils
Bulletin 74, mimeographed, 21 pp., August, 1949

Mead, A. R.

Types of Theses in Education, 1912-1949
Bulletin 75, mimeographed 6 pp., July, 1949

McGuire, Vincent

An Analysis: Scholastic Record of the June 1949 Graduating Class of the University of Florida
Bulletin 76, mimeographed, 6 pp., July, 1949

Mead, A. R. and staff

Laboratory Experiences in Teacher Education Via Our Laboratory School
Bulletin 78, mimeographed, 19 pp., January, 1950

Hines, V. A. and Mead, A. R.

Study of the Load of the College of Education Staff
Bulletin 79, mimeographed, 22 pp., January, 1950

Mead, A. R. and Martin, Edward G.

A Comparison of Work in Graduate Extension Classes in Education with Courses Given on Campus
Mimeographed, 5 p., January, 1951

PROJECT IN APPLIED ECONOMICS

The Colleges of Education of the Universities of Kentucky, Vermont, and Florida and the American Association of Colleges for Teacher Education under the sponsorship of the Alfred P. Sloan Foundation have prepared approximately a hundred booklets designed to help schools in teaching improved economic living, particularly in clothery, food, housing, and health. A list of these materials may be obtained by writing directly to the Project in Applied Economics, College of Education.

PUBLIC ADMINISTRATION CLEARING SERVICE

The purpose of this agency is to make available technical, consulting, and research services in the field of Public Administration to city governments, county governments, and departments of the state government. It endeavors to provide an office through which the professional schools and professional staffs of the University of Florida may contribute their specialized knowledge to the advancement of the art of local self government.

The Service conducts research, surveys, and general studies of technical, administrative, and general governmental aspects of Florida. Published in 1949-50 were:

STUDIES IN PUBLIC ADMINISTRATION:

No. 3, Grobman, Hulda "Central Purchasing for Florida," 63 pp.

No. 4, Grobman, Hulda, Editor, "Municipal Government Problems of Interest to Florida" 101 pp.

No. 5, Donovan, C. H. and Kilpatrick, Wylie, "Financing Florida Municipalities in 1948," 103 pp.

CIVIC INFORMATION SERIES:

No. 1, Grobman, Hulda, "Florida's Proposed Constitutional Amendments," 11 pp.

No. 2, Dovell, J. E., "Modernizing State Constitutions," 11 pp.

No. 3, Dauer, Manning J., "The Constitution of Florida," 10 pp.

No. 4, Grobman, Hulda, "Form and Structure of City Government in Florida," 8 pp.

STUDIES AND REPORTS IN PROGRESS:

Bartley, E. R. and Boyer, W. W. "Municipal Zoning: Florida Law and Practice"

Bartley, E. R. "The Legislative Process in Florida"

Grobman, Hulda, "How Florida Cities Get Their Government"

Larsen, W. F. and Fuquay, Robert, "Civil Defense for Florida-1951"

UNIVERSITY OF FLORIDA PUBLICATIONS

The University of Florida Press:

(Publications cited below are those 1949-50—complete catalogue available on request.)

The University of Florida Press was founded to advance the cultural, scientific, and educational welfare of Florida and, as a unit of the University of Florida, to publish and distribute books, periodicals and other materials for the promotion of research and scholarship.

I. Biological Science Series

Berner, Lewis, "The Mayflies of Florida," Vol. IV, No. 4, 267 pp., plates, figures, and maps.

II. Books

Bigham, T. C. and Roberts, M. J. "Citrus Fruit Rates: Development and Economic Appraisal." 134 pp., maps and chart.

Boyd, Mark F., Smith, Hale G., and Griffin, John W., "Here They Once Stood," 189 pp., illustrations.

Morris, Alton C., "Folksongs of Florida," 464 pp., line drawings.

Patrick, J. Max (Editor)—"The New Republic" by William H. Mallock, 237 pp.

Proctor, Samuel, "Napoleon Bonaparte Broward: Florida's Fighting Democrat," 400 pp., illustrations.

Warfel, Harry R., "Charles Brockden Brown: American Gothic Novelist." 255 pp.

College of Architecture and Allied Arts

Seminar Papers on Housing. Nov. 1949. Mimeo. (In collaboration with General Extension Division and Bureau of Architectural and Community Research)

Presenting two papers from the All Florida Art Conference and Exhibition. April 1950.

College of Business Administration

Proceedings, Third Annual Florida Business Conference, 1950. (In cooperation with the General Extension Division and the Florida State Chamber of Commerce.)

General Extension Division:

The General Extension Division of Florida *Record* published through Vol. XXXII, No. 6, extra No. 2 contains reports of activities, announcements, descriptions of short courses and conferences, bibliographies and materials on various subjects, and loan services.

Audio-Visual Aids, *News Letter* (Monthly) Vol. IV, No. 3

Florida Extension Library, General Extension Division Materials Series (each issued periodically)

Unit Picture Collection
Records and Transcriptions
Florida School Art
Plays

Florida Park and Recreation Training Institute, *Proceedings* Mimeographed, 68 pp.

Bowman, Hazel L., Practical Projects for UNESCO and World Citizenship, Second Edition, Mimeographed, 48 pp. and Science, and World Understanding: The "S" in UNESCO. (Six discussion outlines) Mimeographed 64 pp.

Journals

The Journal of Politics (Quarterly.) Published by the Southern Political Science Association with a grant-in-aid from the University of Florida (Vol. XII, 1950)

The Southern Folklore Quarterly. Published by the Southeastern Folklore Society with a grant-in-aid from the University of Florida (Vol. XIV, 1950—The March issue each year carries the Pan-American Folklore Bibliography.)

The Southern Speech Journal. (September, November, January and March). Published by the Southern Speech Association with a grant-in-aid from the University of Florida (Vol. XV, 1949-1950)
University of Florida Law Review (Spring, Summer and Fall), College of Law, University of Florida. (Vol. III, 1950)

The University Record
of the
University of Florida

Schedule of Courses
NINE WEEKS TERM

Summer Session
1951

Vol. XLVI *Series I, No. 4* *April 1, 1951*

Published monthly by the University of Florida, Gainesville, Florida. Entered in the post office in Gainesville, Florida, as second-class matter, under Act of Congress, August 24, 1912
Office of Publication, Gainesville, Florida

This schedule is for the nine weeks period only.

The courses listed are the only ones open to undergraduate students and graduate students except those majoring in Education.

For the special three and six weeks programs for graduate students in Education, see the regular summer session bulletin or special schedule listing those courses.

The schedule for the two six weeks terms in the College of Law are also published separately.

SCHEDULE OF COURSES

SUMMER SESSION 1951

JUNE 18 TO AUGUST 18

MINIMUM SIZE OF CLASSES

No undergraduate class or section will be continued or offered if, at the end of the regular registration period, prior to the day classes begin for a term or semester, the registration does not meet the following minimum requirements.

For Freshmen and Sophomore classes or sections (the comprehensive courses and courses numbered in the 100's and 200's) the minimum is 12 registrations.

For Junior classes or sections (courses numbered in the 300's) the minimum is 8 registrations.

For Senior classes or sections (courses numbered in the 400's) the minimum is 6 registrations.

ABBREVIATIONS

The following abbreviations have been used to designate buildings:

A	BUILDING A (Accounting)
AD	ADMINISTRATION BUILDING
AN	ANDERSON HALL
AU	AUDITORIUM
B	BUILDING B
BA	BENTON ANNEX
BN	BENTON HALL
C	BUILDING C (Art)
CR	CANCER RESEARCH LABORATORY
DL	DAIRY LABORATORY
E	BUILDING E
EI	ENGINEERING AND INDUSTRIES BUILDING
F	BUILDING F
FG	FLORIDA GYMNASIUM
FL	FLOYD HALL
FM	FARM MACHINE LABORATORY
GH	GREENHOUSE
HT	HORTICULTURE BUILDING
I	BUILDING I (Classrooms)
K	BUILDING K (Classrooms)
LE	LEIGH HALL
LI	LIBRARY
LW	LAW BUILDING
MI	MILITARY BUILDING
N	BUILDING N (Engineering Classrooms and Laboratories)
NE	NEWELL HALL
NL	NUTRITION LABORATORY
OD	OFFICE D
OE	OFFICE E
OF	OFFICE F
PE	PEABODY HALL
PO	POULTRY LABORATORY
R	BUILDING R (Music)
RE	REED LABORATORY
SC	SCIENCE HALL
SE	SEAGLE BUILDING
SL	SANITARY LABORATORY
U	BUILDING U (Architecture and Art)
UA	UNION ANNEX
VL	VEGETABLE PROCESSING LABORATORY
WA	WALKER HALL
WG	WOMEN'S GYM
WO	WOOD PRODUCTS LABORATORY
YN	YONGE BUILDING

COMPREHENSIVE COURSES

C-11.—American Institutions. 4 credits.

(Register for the Lecture Section and one Discussion Section.)

Lecture Section 11: 2:00 M W AU

Discussion Sections:

Section 101	7:00 daily	PE 208
Section 102	8:00 daily	PE 208
Section 103	9:00 daily	PE 208
Section 104	10:00 daily	PE 208
Section 105	10:00 daily	PE 209

C-12.—American Institutions. 4 credits.

(Register for the Lecture Section and one Discussion Section.)

Lecture Section 21: 2:00 T Th AU

Discussion Sections:

Section 201	7:00 daily	PE 209
Section 202	8:00 daily	PE 209
Section 203	9:00 daily	PE 209
Section 204	11:00 daily	PE 209

C-11-12: Designed to develop and stimulate the ability to interpret the interrelated problems of the modern social world. The unequal rates of change in economic life, in government, in education, in science, and in religion are analyzed and interpreted to show the need for a more effective coordination of the factors of our evolving social organization of today. Careful scrutiny is made of the changing functions of social organizations as joint interdependent activities so that a consciousness of the significant relationships between the individual and social institutions may be developed, from which consciousness a greater degree of social adjustment may be achieved.

C-21.—The Physical Sciences. 3 credits.

(Register for one Lecture Section and one Discussion Section.)

Lecture Section 11: 2:00 M BN 203

Lecture Section 12: 2:00 T BN 203

Discussion Sections:

Section 101	7:00 daily	BN 205
Section 102	8:00 daily	BN 205
Section 103	9:00 daily	BN 205
Section 104	10:00 daily	BN 205
Section 105	11:00 daily	BN 205

C-22.—The Physical Sciences. 3 credits.

(Register for one section.)

Section 201	7:00 daily	BN 203
Section 202	8:00 daily	BN 203
Section 203	9:00 daily	BN 201
Section 204	10:00 daily	BN 201
Section 205	11:00 daily	BN 201

C-21-22: An attempt to survey the phenomena of the physical universe with particular reference to man's immediate environment; to show how these phenomena are investigated; to explain the more important principles and relations which have been found to aid in the understanding of them; and to review the present status of man's dependence upon the ability to utilize physical materials, forces, and relations. The concepts are taken mainly from the fields of physics, chemistry, astronomy, geology, and geography, and they are so integrated as to demonstrate their essential unity. The practical and cultural significance of the physical sciences is emphasized.

C-31.—Reading, Speaking and Writing (Freshman English). 4 credits.

(Register for the Lecture Section, one Discussion Section, and one Laboratory Section.)

Lecture Section 11: 1:00 M AU

Discussion Sections:

Section 101	7:00 M T Th F S	AN 307
Section 102	9:00 M T Th F S	AN 307
Section 103	11:00 M T Th F S	AN 307
Section 104	7:00 M T Th F S	AN 311
Section 105	9:00 M T Th F S	AN 311
Section 106	11:00 M T Th F S	AN 311

Writing Laboratory Sections:

Section 301	1:00-3:00 T F	AN 203
Section 302	1:00-3:00 T F	AN 209
Section 303	3:00-5:00 T F	AN 203
Section 304	3:00-5:00 T F	AN 209

C-32.—Reading, Speaking, and Writing (Freshman English). 4 credits.

(Register for the Lecture Section, one Discussion Section, and one Laboratory Section.)

Lecture Section 21: 1:00 T AU

Discussion Sections:

Section 201	8:00 M T Th F S	AN 307
Section 202	10:00 M T Th F S	AN 307
Section 203	12:00 M T Th F S	AN 307
Section 204	8:00 M T Th F S	AN 311
Section 205	10:00 M T Th F S	AN 311
Section 206	12:00 M T Th F S	AN 311

Writing Laboratory Sections:

Section 401	1:00-3:00 M Th	AN 203
Section 402	1:00-3:00 M Th	AN 209
Section 403	3:00-5:00 M Th	AN 203
Section 404	3:00-5:00 M Th	AN 209

C-31-32: Reading, Speaking, and Writing. Designed to furnish the training in reading, speaking, and writing necessary for the student's work in college and for his life thereafter. This training will be provided through practice and counsel in oral reading, in silent reading, in logical thinking, in fundamentals of form and style, in extension of vocabulary and in control of the body and voice in speaking. Students will be encouraged to read widely as a means of broadening their interests and increasing their appreciation of literature.

C-41—Practical Logic. 3 credits.

(Register for one section only.)

Section 1	8:00 daily	AD 208
Section 2	9:00 daily	AD 208
Section 3	10:00 daily	AD 208

Both in private life and in vocational life man is faced with the necessity of thinking. In this course an attempt is made to stimulate the student (1) to develop his ability to think with greater accuracy and thoroughness, (2) to be able to use objective standards necessary in critically evaluating his own thinking process and product as well as the conclusions reached by others, and (3) to record both process and product of thinking in effective language. The material used applies to actual living and working conditions. The case method is to insure practice, many illustrations are given, and numerous exercises are assigned.

C-42.—Fundamental Mathematics. 3 credits.

Section 1	7:00 daily	PE	4
Section 2	8:00 daily	PE	102
Section 3	9:00 daily	PE	4
Section 4	10:00 daily	PE	4
Section 5	11:00 daily	PE	4

A beginning course covering the development of the number system, computation with approximated and exact numbers, algebra as a generalization of arithmetic, practical geometry, functional relationships, logarithms and the simple trigonometry of the triangle, simple and compound interest, and annuities. Not open to students who have completed Basic Mathematics.

C-51.—The Humanities. 4 credits.

(Register for the Lecture Section and one Discussion Section.)

Lecture Section 11: 1:00 M W R 122 STAFF

Discussion Sections:

Section 101	7:00 daily	AN	112
Section 102	8:00 daily	AN	112
Section 103	9:00 daily	AN	112
Section 104	10:00 daily	AN	112
Section 105	11:00 daily	AN	112
Section 106	12:00 daily	AN	112
Section 107	7:00 daily	AN	115
Section 108	8:00 daily	AN	115
Section 109	9:00 daily	AN	115
Section 110	10:00 daily	AN	115
Section 111	11:00 daily	AN	115
Section 112	12:00 daily	AN	115

C-52.—The Humanities. 4 credits.

(Register for the Lecture Section and one Discussion Section.)

Lecture Section 21: 1:00 T Th R 122 STAFF

Discussion Sections:

Section 201	7:00 daily	AN	113
Section 202	8:00 daily	AN	113
Section 203	9:00 daily	AN	113
Section 204	10:00 daily	AN	113
Section 205	11:00 daily	AN	113
Section 206	12:00 daily	AN	113

C-51-52: The Humanities. A course designed to provide an understanding and appreciation of the literature, philosophy, art and music in which the enduring values of human life have found expression. The course deals both with the culture of our own day and with our cultural heritage. Its larger purpose is to enable the student to develop a mature sense of values, an enlarged appreciation and a philosophy of life adequate for the needs of our age.

C-61.—Biological Sciences. 3 credits.

(Register for one Lecture Section and one Discussion Section.)

Lecture Section 11: 4:00 T LE 207

Lecture Section 12: 2:00 M LE 207

Discussion Sections:

Section 101	7:00 M T W Th F	I	101
Section 102	8:00 M T W Th F	I	101
Section 103	9:00 M T W Th F	I	101
Section 104	10:00 M T W Th F	I	101
Section 105	11:00 M T W Th F	I	101
Section 106	7:00 M T W Th F	I	107

Section 107	8:00	M T W Th F	I 107
Section 108	9:00	M T W Th F	I 107
Section 109	10:00	M T W Th F	I 107
Section 110	11:00	M T W Th F	I 107

C-62.—Biological Sciences. 3 credits.

(Register for one Lecture Section and one Discussion Section.)

Lecture Section 21: 4:00 M LE 207

Lecture Section 22: 2:00 T LE 207

Discussion Sections:

Section 201	8:00	M T W Th F	I 109
Section 202	9:00	M T W Th F	I 109
Section 203	10:00	M T W Th F	I 109
Section 204	11:00	M T W Th F	I 109

C-61-62: In C-61 a biological interpretation of the living animal and plant in terms of self-maintenance and reproduction will be considered. In C-62 the important aspects of genetics, evolution, and the social-economic inter-relations of organisms will provide the main sequence and material. The lectures will be devoted to a consideration of biological topics and contributions of current, social, political or ideological interest.

DEPARTMENTAL COURSES

ACCOUNTING

ATG. 211.—Elementary Accounting. 3 credits. The first half of the course ATG. 211-212.

(Register for one section only.)

Section 1	7:00 daily	A-1	SCOTT, N. H.
Section 2	9:00 daily	A-1	TORNWALL, G. E., JR.
Section 3	10:00 daily	A-1	TORNWALL, G. E., JR.
Section 4	11:00 daily	A-1	FORTIN, G. E.

Designed to provide the basic training in business practice and in accounting. A study of business papers and records; recording transactions; preparation of financial statements and reports. Prerequisites for advanced standing in Economics and Business Administration.

ATG. 212.—Elementary Accounting. 3 credits. The second half of the course ATG. 211-212.

(Register for one section only.)

Section 1	8:00 daily	A-2	SUMMERHILL, G. W.
Section 2	9:00 daily	A-2	CODDING, J. L.
Section 3	10:00 daily	A-2	ANDERSON, C. A.

ATG. 311.—Accounting Principles. 3 credits. Prerequisite: ATG. 211-212.

7:00 daily. A-4. RAY, D. D.

The mechanical and statistical aspects of accounting; books of record; accounts; fiscal period and adjustments; working papers; form and preparation of financial statements; followed by an intensive and critical study of the problems of valuation as they affect the preparation of the balance sheet and income statements.

ATG. 312.—Accounting Principles. 3 credits. Prerequisite: ATG. 311.

9:00 daily. A-4. RAY, D. D.

Consideration is given to the legal aspects of accounting and related problems resulting from the legal organization form used by businesses; liabilities; proprietorship; partnership; corporations; capital stock; surplus; followed by a study of the financial aspects of accounting as disclosed by an analysis and interpretation of financial statements; financial ratios and standards, their preparation, meaning and use.

ATG. 313.—**Cost Accounting.** 3 credits. Prerequisite: ATG. 311.

8:00 daily. A-4. CODDING, J. L.

The methods of collection, classification, and interpretation of cost data; special problems, standard costs, cost systems, uses of cost data in business control. Lectures and problems.

ATG. 411.—**Advanced Accounting. Problems.** 3 credits. Prerequisite: ATG. 312.

11:00 daily. A-4. PARKER, W. D.

Specialized accounting problems; partnerships; statement of affairs; consignments; installments; ventures; insurance; and other related subjects.

ATG. 412.—**Principles of Auditing.** 3 credits. Prerequisite: ATG. 312.

10:00 daily. A-3. SUMMERHILL, G. W.

Auditing theory and current auditing practice; principal kinds of audits and services of the public accountant; professional and ethical aspects of auditing. Lectures, discussions, and problems.

ATG. 414.—**Income Tax Procedure.** 3 credits. Prerequisite: ATG. 311.

8:00 daily. A-3. PARKER, W. D.

The Federal Income Tax Law and Regulations, and related accounting problems; preparation of tax returns for individuals, corporations and fiduciaries. Practice is provided in the use of the loose-leaf income tax services.

ATG. 417.—**Governmental Accounting.** 3 credits. Prerequisite: ATG. 212.

10:00 daily. A-4. SCOTT, N. H.

The basic principles underlying governmental and institutional accounting. Detailed consideration is given to the operation of recommended types of funds, the budget process, account structure, tax accounting for cities, and the utilization of accounting in the preparation of significant reports.

ATG. 418.—**Advanced Accounting. C.P.A. Problems.** 3 credits. Prerequisite: ATG. 312.

7:00 daily. A-3. MATTHIES, W. R.

A continuation of specialized accounting problems; receiverships; foreign exchange; stock brokerage; estates and trusts; budgets; business taxes; consolidations and mergers; and other problems usually covered in the C.P.A. exmaination.

GRADUATE COURSES

ATG. 512.—**Public Accounting: Problems and Reports.** 3 credits. Prerequisite: ATG. 412.

9:00 daily. A-3. MATTHIES, W. R.

Some of the leading problems in the field of public accounting, including the services offered, the need for and the manner of regulation of the profession, requirements for success in the profession, liabilities of public accountants, criteria for evaluating auditing standards, and the formulation of audit reports. Use is made of selected case studies. Consideration is also given to the relation of public accounting to other professions, and attention is directed to the bibliography of the field.

ATG.—513.—**Cost and Budgeting Accounting.** 3 credits. Prerequisites: ATG. 313, ATG. 411, and ATG. 412.

8:00 daily. A-1. DaVAULT, J. W.

An analysis of complex cost problems, managerial use of cost reports in management and budget preparation, as well as the design and installation of cost systems.

AGRICULTURAL CHEMISTRY

ACY. 125.—**Agricultural Chemistry.** 4 credits. The first half of the course ACY. 125-126.

(Register for the Lecture (Section 1), and one Discussion (Section 11 or 12).)

Section 1. 10:00 M W F S. LE 207. THOMAS, G. A.
10:00-12:00 T Th. LE 207.

Section 11. 11:00 M F. LE 142.

Section 12. 11:00 W S. LE 142.

Selected fundamentals of inorganic chemistry designed primarily for agricultural students. Suitable also for the general student who wishes a non-laboratory course in chemistry.

ACY. 126.—Agricultural Chemistry. 4 credits. The last half of the course ACY. 125-126.

9:00 M W F S. LE 154.

8:00 to 10:00 T Th. LE 207.

8:00 M F. LE 154.

(For graduate courses in Biochemistry see Chemistry.)

AGRICULTURAL ECONOMICS

AS. 304.—Farm Finance and Appraisal. 3 credits.

8:00 daily. HT 410. GREENE, R. E. L.

Problems peculiar to financing farmers and farmers' associations. Special attention is given to the Farm Credit Administration. One field trip is required.

AS. 306.—Farm Management. 3 credits.

10:00 daily. HT 410. GREENE, R. E. L.

The factors of production; types of farming and their distribution; factors affecting profits in farming; problems of labor, machinery, layout of farms, and farm reorganization.

AS. 308.—Marketing. 3 credits.

9:00 daily. HT 410.

Principles of marketing agricultural commodities; commodity exchanges and future trading; auction companies; market finance; market news; marketing of important agricultural commodities.

AS. 413.—Agricultural Policy. 3 credits.

11:00 daily. HT 410.

A history of farmer attempts and accomplishments through organization and legislation to improve the economic and social status of agriculture. Evaluation of present legislative programs and policies affecting the farmer.

GRADUATE COURSES

AS. 505.—Research Problems in Farm Management.

To arrange.

AS. 511.—Research Problems in Marketing Agricultural Products.

To arrange.

AGRICULTURAL ENGINEERING

AG. 301.—Drainage and Irrigation. 3 credits.

9:00 M T W Th. FL 210, CHOATE, R. E.

Laboratory: 1:00 to 3:00 T Th. FM.

The drainage and irrigation of lands with treatment of the necessity for such in the production of field, fruit, and vegetable crops. The cost, design, operation and upkeep of drainage and irrigation systems. Field work in laying out systems.

AG. 302.—Farm Motors. 3 credits.

7:00 M T W Th. FL 210. CHOATE, R. E.

Laboratory: 1:00 to 3:00 M F. FM.

The general principles of operation of the various sources of farm power. The care, operation, and repair of electric motors, internal combustion engines (including automobile, stationary gasoline engines, truck and tractor), and windmills.

AG. 303.—Farm Shop. 3 credits.

11:00 M T W Th. FL 210.

Laboratory: 1:00 to 3:00 W. FM.
3:00 to 5:00 F. FM.

The farm shop jobs that are common to the farms of Florida. Carpentry, concrete construction, light forging, soldering, tool care and repair are some of the jobs given special emphasis. Laboratory work includes actual shop practice.

AG. 306.—Farm Machinery. 3 credits.

8:00 M T W Th. FL 210. SKINNER, T. C.

Laboratory: 3:00 to 5:00 M W. FM.

The operation, care, and repair of farm implements designed to give the students a fundamental knowledge of the various machines commonly used on the farm.

AG. 401.—Farm Structures. 3 credits.

10:00 M T W Th. FL 210. SKINNER, T. C.

Laboratory: 3:00 to 5:00 T Th. FM.

A study of the functional requirements, design, cost, construction, and the structural analysis of farm buildings with some training in the preparation of blueprints.

AG. 407.—Farm Shop Power Equipment. 3 credits.

8:00 M F. FL 102.

Laboratory: 3:00 to 5:00 M W. FM.
8:00 to 12:00 F. FM.

The care, operation and repair of both metal and woodworking power shop equipment used in the construction and repair of farm buildings and equipment.

GRADUATE COURSE

AG. 570.—Problems in Agricultural Engineering. 3 to 6 credits.*

To arrange. STAFF.

Special problems in agricultural engineering.

AGRICULTURAL EXTENSION

GRADUATE COURSE

AXT. 521.—Special Problems in Agricultural Extension Methods. 3 to 9 credits.*

To arrange. HAMPSON, C. M.

Library and workshop relating to agricultural extension methods. Research work is studied, publications reviewed, written reports developed.

AGRONOMY

AY. 321.—General Field Crops. 3 credits.

11:00 M T W Th F. FL 302. RODGERS.

Laboratory: 1:00 to 3:00 W. FL 302. RODGERS.

Grain, fiber, sugar, peanut, tobacco, forage and miscellaneous field crops, with special emphasis on varieties and practices recommended for southern United States.

AY. 329.—Genetics. 3 credits.

9:00 M T W Th F S. FL 302. HANSON.

The fundamentals of inheritance, emphasizing the application of genetics and its associated branches of science in the improvement of economic plants and animals and in programs for human betterment.

---

* Credits assigned must be shown on registration card.

AY. 426.—Individual Problems in Agronomy. Variable credits.
To arrange. FL 302. STAFF.
Individual problems selected from the fields of crop production, genetics, or plant breeding.

AY. 436.—Pastures. 2 credits. Prerequisite: AY 321 or AY. 324.
8:00 M W. FL 302. McCLOUD.
Laboratory: 3:00 to 5:00 M W. FL 302. McCLOUD.
The development and management of grazing areas of southeastern United States, with particular reference to Florida conditions.

GRADUATE COURSES

AY. 526.—Special Agronomic Problems. Variable credits.
To arrange. FL 302. STAFF.
Library, laboratory, or field studies relating to crop production and improvement. Experiments are studied, publications reviewed and written reports developed.

AY. 570.—Research in Agronomy. Variable credits.
To arrange. FL 302. STAFF.
Original work on definite problems in field crops, ecology, or plant breeding.

ANIMAL HUSBANDRY

AL. 309.—General Animal Husbandry. 3 credits.
7:00 daily. FL 104. PACE, J. E.
Types and breeds of farm animals; principles of breeding, selection and management.

AL. 311.—Elementary Nutrition. 4 credits.
8:00 daily. FL 104. WALLACE, H. D.
Laboratory: 3:00 to 5:00 M W. FL 104.
Elements and compounds; metabolic processes in animal nutrition; biological assays.

AL. 314.—Livestock Judging. 3 credits.
8:00 T Th. FL 102. PACE, J. E.
Laboratory: 3:00 to 5:00 M T W F. FL 102.
Special training in livestock judging; show ring methods; contests at fairs.

AL. 413.—Swine Production. 3 credits.
10:00 M T W F. FL 104. FOLKS, S. J.
Laboratory: 3:00 to 5:00 T Th. FL 104.
Selection, feeding and management of hogs; forage crops and grazing; diseases and parasite control.

GRADUATE COURSES

AL 501.—Advanced Animal Production. Variable credit.
Section 1. To arrange. GLASSCOCK, R. S., CUNHA, T. J., and PEARSON, A. M.
Reviews and discussions in the latest developments in the fields of animal production, nutrition and genetics.

AL. 509.—Problems in Animal Nutrition. 1 to 4 credits.
To arrange. DAVIS, G. K., and WALLACE, H. D.
Problems in Animal Nutrition.

AL. 570.—Research in Animal Husbandry. 1 to 6 credits.
To arrange. CUNHA, T. J., GLASSCOCK, R. S., and PEARSON, A. M.
Experimental problem and thesis in various phases of animal husbandry.

ANTHROPOLOGY

APY. 400.—Field Session in Archeology. 6 credits.
8:00-11:00 daily. PE 312. GOGGIN, J. M.

Excavation of archeological sites, recording of data, laboratory handling and analysis of specimens, and study of the theoretical culture principles which underlie field methods and artifact analysis. Two hours of lectures and discussions, four hours of supervised laboratory and field work.

APY. 430.—Individual Work. 3 credits.
To arrange. GOGGIN, J. M.

ARCHITECTURE

AE. 101.—The Arts of Design. 3 credits.
10:00 daily. U 103.

A survey to provide an insight into the several fields of design, and a basis for the selection of a career in the arts of design. A study of social and economic influences and the universal principles in the visual arts.

AE. 102.—Vision and Graphics. 3 credits.
1:00-4:30 M T W Th F. U 107.

The elements of visual design, each examined in the light of principles. An elementary and analytical course in observation, and the representation of three dimensional objects in two dimensions.

AE. 203.—Basic Design. 3 credits.
9:00-12:00 daily. U 108.

The basic influence which natural and social environment, materials, and psychological and physical functions exerted in man's development of shelter.

AE. 204.—Organic Planning. 3 credits.
1:00-4:30 M T W Th F. U 109.

Projects in design. Analysis and synthesis; methodology of planning. Elementary exercises in the integration of all design considerations. Symbols and techniques of representation.

AE. 205.—Building Technology. 4 credits. First half of the course AE. 205-206.
7:00-9:00 daily. U 107.

The functional and structural approach to the design and construction of buildings. This course includes the elements of structures, the nature of building materials, loads and forces, service elements and surveying.

AE. 206.—Building Technology. 4 credits. Second half of the course AE. 205-206.
Prerequisite: AE. 205, C-42 or MS. 325 and prerequisite or corequisite C-22.
7:00-9:00 daily. U 109.

The frames of structures, the loads on building frames, the mechanics of building loads, elements of heating, wiring and plumbing, and the responsibilities of architects and builders.

UPPER DIVISION COURSES*

AE. 301-302-303-304-305.—Projects in Architecture, Group 1. 3 credits each; —group total, 15 credits. Maximum Summer Session load: 9 credits. Prerequisite: Completion of Lower Division program in Architecture or equivalent.
Hours to arrange. E 189.

AE. 306-307-308-309-310.—Projects in Architecture, Group 2. 3 credits each; —group total, 15 credits. Maximum Summer Session load: 9 credits. Prerequisite: The series AE. 301-302-303-304-305.
Hours to arrange. E 179.

---

* For detailed course description refer to the University *Catalog*.

AE. 401-402-403-404-405.—**Projects in Architecture, Group 3.** 3 credits each; —group total, 15 credits. Maximum Summer Session load: 9 credits. Prerequisite: The series AE. 306-307-308-309-310.

Hours to arrange. E 116.

AE. 406-407-408-409-410.—**Projects in Architecture, Group 4.** 8 credits each; —group total, 15 credits. Maximum Summer Session load: 9 credits. Prerequisite: The series AE. 401-402-403-404-405.

Hours to arrange. E 126.

AE. 441-442-443-444-445.—**Projects in Architecture, Group 5.** 3 credits each; —group total, 15 credits. Maximum Summer Session load: 9 credits. Prerequisite: The series AE. 406-407-408-409-410.

Hours to arrange. E 157.

AE. 446-447-448-449-450.—**Thesis in Architecture.** 3 credits each;—group total, 15 credits. Maximum Summer Session load: 9 credits. Prerequisite: The series AE. 441-442-443-444-445.

Hours to arrange. E 164.

AE. 456-457-458-459-460.—**Thesis in Planning.** 3 credits each;—group total, 15 credits. Maximum Summer Session load: 9 credits. Prerequisite: Permission of the Faculty.

Hours to arrange. E 164.

GRADUATE COURSES

AE. 501.—**Architectural Design.** Variable credit. The first half of the course AE. 501-502. Prerequisite: Bachelor's degree in Architecture.

Hours to arrange. E 161.

Research on a special phase of architectural design, selected by the student with the approval of the Faculty.

AE. 502.—**Architectural Design.** Variable credit. The second half of the course AE. 501-502.

Hours to arrange.

AE. 503.—**Architectural Research.** Variable credit. The first half of the course AE. 503-504. Prerequisite: Bachelor's degree in Architecture.

Hours to arrange. E 161.

Detailed investigation of a selected problem for the purpose of providing insight and understanding in some field of fundamental importance in architecture.

AE. 504.—**Architectural Research.** Variable credit. The second half of the course AE. 503-504.

Hours to arrange. E 161.

AE. 505.—**Community Planning.** Variable credit. The first half of the course AE. 505-506. Prerequisites: Bachelor's degree in Architecture, AE. 457 or equivalent, and permission of the Faculty.

Hours to arrange. E 161.

The analysis and solution of an advanced problem in community planning, selected by the student with the approval of the Faculty.

AE. 506.—**Community Planning.** Variable credit. The second half of the course AE. 505-506.

Hours to arrange. E 161.

AE. 551.—**Building Construction.** Variable credit. The first half of the course AE. 551-552. Prerequisites: Bachelor's degree in Architecture or in Building Construction.

Hours to arrange. E 161.

Advanced study of a problem in materials or methods of building construction selected by the student with the approval of the Faculty.

AE. 552.—**Building Construction.** Variable credit. The second half of the course AE. 551-552.

Hours to arrange. E 161.

AE. 553.—**Structural Design of Buildings.** Variable credit. The first half of the course AE. 553-554. Prerequisite: Bachelor's degree in Architecture or in Building Construction.

Hours to arrange. E 161.

Advanced study of a problem in the structural design of buildings, selected by the student with the approval of the Faculty.

AE. 554.—**Structural Design of Buildings.** Variable credit. The second half of the course AE. 553-554.

Hours to arrange. E 161.

ART

ART 121.—**The Visual Arts.** 3 credits.

Lectures: 10:00 M Th. U 103.
Discussion Group: 10:00 T W F S. E 176.

Introduction to the interrelationship of the visual arts; i.e., painting; sculpture, commercial art, architecture, etc.

ART 122.—**Materials and Spatial Design.** 3 credits.

10:00-12:00 daily. C 103.

Organization of three dimensional forms. Projects in construction, modeling, and carving.

ART 223.—**Color and Design.** 3 credits.

9:00-11:00 daily. C 100.

Organization of basic visual elements—line, tone, form, color, and texture.

ART 225.—**Scientific Contributions to Art.** 3 credits.

9:00-11:00 daily. C 100.

Problems and discussions relative to perspective, color, illumination, media, etc.

ART 226.—**Pictorial Composition.** 3 credits.

9:00-11:00 daily. C 105.

Pictorial composition using the oil medium, employing elements studied in Art 122 and Art 223.

UPPER DIVISION COURSES*

ART 301.—**Design I.** 3 credits.

9:00 daily. C 101.

6 hours to arrange.

Watercolor techniques in a study of color, line, and design.

ART 302.—**Design II.** 3 credits.

9:00 daily. C 101.

6 hours to arrange.

Techniques and media. Organization in oil paint, encaustic, and egg tempera.

* For detailed course description refer to the University *Catalog*.

ART 394.—Modern Man and His Art. 3 credits.

9:00 daily. E 176.

Orientation to contemporary art. An interpretation and explanation of the practical and philosophic significance of the twentieth century art forms.

ART 403.—Design III. 3 credits.

9:00 daily. C 101.

6 hours to arrange.

Advanced problems in design through abstract and representational interpretations.

ART 404.—Design IV. 3 credits.

9:00 daily. C 101.

6 hours to arrange.

Emotional qualities, organization of idea, and communication through visual elements will be emphasized.

ART 494—Modern Art. 3 credits.

Lectures: 8:00 M T W Th. E 176.

Laboratory: 8:00-9:00 F S. C 103.

2 hours to arrange.

The history of art from 1850 and the development of art leading to movements such as fauvism, cubism, futurism, expressionism, etc. Emphasis devoted to French and American art.

GRADUATE COURSES*

ART 503.—Art Problems. Variable credit. The first half of the course ART 503-504.

Hours to arrange. C 105.

A series of projects relating to a field of specialization. The areas from which selection can be made are painting, crafts and advertising design.

ART 504.—Art Problems. Variable credit. The second half of the course ART 503-504.

Hours to arrange. C 105.

ART 505.—Art Research. Variable credit. The first half of the course ART 505-506.

Hours to arrange. C 105.

Research in native materials or native art forms or a study of technical processes or the like.

ART 506.—Art Research. Variable credit. The second half of the course ART 505-506.

Hours to arrange. C 105.

ASTRONOMY

ATY. 141.—Descriptive Astronomy. 3 credits. Not open to students who have had any other astronomy course.

8:00 daily. PE 10.

Concepts useful for the appreciation of the universe about us. Telling time by the stars; getting acquainted with constellations; variable and double stars; planets and meteors. Selected experiments with occasional observation periods.

---

* For detailed course description refer to the University *Catalog*.

BACTERIOLOGY

BCY. 301.—General Bacteriology. 4 credits.

(Register for the lecture and one laboratory section.)

Lecture: 8:00 M T W Th F. PE 205. CARROLL, W. R.

Laboratory Section 11: 9:00-11:00 M W F. SC 104. CARROLL, W. R.

Laboratory Section 12: 1:00-3:00 T Th F. SC 104. CARROLL, W. R.

Morphology, physiology, and cultivation of bacteria and related microorganisms. Frobisher, Fundamentals of Bacteriology. 4th Ed.

BCY. 302.—Agricultural Bacteriology. 4 credits.

Lecture: 9:00 M T W Th. SC 111. NOVAK, A. F.

Laboratory: 1:00-3:00 M T Th F. SC 10. NOVAK, A. F.

Bacteria and associated microorganisms in relation to water, milk, silage and farm problems.

GRADUATE COURSES

BCY. 500.—Advanced Bacteriology. Variable credit.* (6 hours laboratory for 1 semester credit.)

To arrange.

Problems in Pathogenic, Dairy, Sanitary, Industrial, Food Bacteriology.

BCY. 570.—Research in Bacteriology. Variable credit.* (6 hours work per week required for each credit.) Prerequisite: BCY. 500.

A study of methods and their application in research problems in different fields of Bacteriology. Required of graduate majors.

Bacteriology courses in the 600 group are taught in the Laboratories of State Board of Health, Jacksonville, and are open only to qualified Board of Health workers approved by the staff of the State Board of Health. Such persons must meet regular admission requirements and follow same registration procedures as resident students.

BCY. 600.—Infectious Diseases. 1 to 6 credits.*

To arrange. Jacksonville. HARDY.

Public health aspects of bacteriology and parasitology. Treats of etiology, epidemiology, laboratory diagnosis of all of the important diseases.

BCY. 610.—Immunology, Advanced. Variable credit.*

To arrange. Jacksonville. GALTON.

Principles of immunology and serology as applied to the prevention of diseases and public health.

BCY. 620.—Laboratory Administration. Variable credit.*

To arrange. Jacksonville. HARDY.

Methods employed in managing or directing a bureau of laboratories or a division thereof.

BCY. 690.—Research. Variable credit.*

To arrange. Jacksonville. GALTON.

Recent advances in the field of public health investigation.

BIOLOGY

BLY. 133.—Common Animals and Plants of Florida. 3 credits.

Register for the Lecture (Section 1) and one Laboratory (Section 11 or 12).

---

* Credit assigned must be shown on registration card.

Lecture Section 1. 10:00 M T W Th. K 107.

Laboratory Section 11: 1:00 to 3:00 M W.

Laboratory Section 12: 1:00 to 3:00 T Th.

Designed to provide a recognition of, and an acquaintance with some of the more common animals, and plants of Florida. Especially planned to prepare teachers ,to answer the question, "What animal—or what plant—is that?" Individual work in the field and the making of a personal reference collection of plants and animals is encouraged.

BLY. 134.—The Life of the Inland Waters of Florida. 3 credits.

Register for the Lecture (Section 1) and one Laboratory (Section 11 or 12).

Lecture Section 1. 11:00 M T W Th. K 107.

Laboratory Section 11: 1:00 to 3:00 M W.

Laboratory Section 12: 1:00 to 3:00 T Th.

A companion course to BLY. 133, but concerned with the common plants and animal life of our streams, pools, ponds, lakes and marshes. Particular attention is given to obtaining an acquaintance with those species and groups of organisms that comprise the more important, more conspicuous, and more interesting members of Florida's rich aquatic biota. Laboratory demonstrations, field trips and individual projects will form an important part of this course.

BLY. 161.—Biology Laboratory. 2 credits. Prerequisite or corequisite: C-61. 8:00 to 10:00 M T W Th. J 101.

An introductory laboratory course dealing with cells, the mammalian anatomy, the major groups of plants, methods of reproduction and germ cell formation.

BLY. 162.—Biology Laboratory. 2 credits. Prerequisite or corequisite: C-62. 1:00 to 3:00 M T W Th. J 202.

An introductory laboratory course dealing with genetics, homology, embryology, evolution, taxonomy and ecology.

BLY. 207.—Vertebrate Natural History. 4 credits. Prerequisite: BLY. 161-162.

Lecture: 9:00 M T W Th. K 107.

Laboratory: 1:00 to 4:00 M T W Th.

An introduction to the classification and natural history of the vertebrates.

BLY. 210.—Vertebrate Embryology. 4 credits. Prerequisite: BLY. 209.

Lecture: 1:00 M T W Th. K 107.

Laboratory: 8:00 to 11:00 M T W Th.

BLY. 325.—Genetics and Speciation. 3 credits. Prerequisites: 161-162.

8:00 daily. K 107.

An introduction to the data and methods of genetics with special reference to their bearing on the problems of speciation and organic evolution.

GRADUATE COURSES

BLY. 505.—History of Biology. 2 credits. Prerequisite: An undergraduate major in Biology. Required of all graduate majors in the Department.

11:00 M T Th F.

BLY. 509.—Zoogeography. 2 credits.

10:00 M T Th F.

Zoogeographic divisions of the world and their characteristic animals; factors influencing the distribution of animals; the relation of geographic races to speciation and evolution.

BLY. 543.—Research in Ecology. Hours and credits to be arranged.

BLY. 544.—Research in Fresh Water Biology. Hours and credits to be arranged.

BLY. 545.—Research in Marine Biology. Hours and credits to be arranged.

BLY. 546.—Research in Zoogeography. Hours and credits to be arranged.

BLY. 547.—Research in Game Management. Hours and credits to be arranged.

BLY. 548.—Research in Acoelomate Invertebrates. Hours and credits to be arranged.

BLY. 549.—Research in Coelomate Invertebrates. Hours and credits to be arranged.

BLY. 550.—Research in Parasitology. Hours and credits to be arranged.

BLY. 552.—Research in Insect Biology. Hours and credits to be arranged.

BLY. 553.—Research in Ichthyology. Hours and credits to be arranged.

BLY 554.—Research in Herpetology. Hours and credits to be arranged.

BLY. 555.—Research in Ornithology. Hours and credits to be arranged.

BLY. 557.—Research in Comparative Anatomy. Hours and credits to be arranged.

BLY. 558.—Research in Embryology. Hours and credits to be arranged.

BLY. 559.—Research in Experimental Biology. Hours and credits to be arranged.

BLY. 560.—Research Cytology. Hours and credits to be arranged.

BLY. 561.—Research in Histology. Hours and credits to be arranged.

BLY. 565.—Seminar in Cancer Research. Hours and credits to be arranged.

BLY. 581.—Cancer Research. Hours and credits to be arranged.

BOTANY

BTY. 101.—General Botany. 3 credits. First half of the course BTY. 101-102. Register for the Lecture (Section 1) and one Laboratory (Section 11 or 12).

Lecture Section 1: 7:00 M T W F. F 101. GRIFFITH, M.

Laboratory Section 11: 1:00 to 3:00 W F. SC 2. STAFF.

Laboratory Section 12: 7:00 to 9:00 Th S. SC 2.

The form, structure, growth, reproduction and function of plants and their various organs; relation of plants to their environment and to each other. Required of students majoring in Botany, Bacteriology and Plant Pathology.

BTY. 211.—Plant Physiology. 4 credits. Prerequisites: BTY. 101 or BLY. 161 and ACY. 125-126 or equivalent.

Lecture: 8:00 M W Th F. SC 111. POWELL, R. D.

Laboratory: 1:00 to 3:00 M T Th F. SC 1. POWELL, R. D.

A study of absorption, assimilation, transpiration, respiration, growth, water relations and other functions of plants.

BTY. 401.—Plant Ecology. 4 credits. Prerequisites: BTY. 101-102 or their equivalents. Desirable prerequisites: BTY. 211, 306, SLS. 301 or 302, FY. 311.

Lecture: 9:00 T W Th F. SC 111. DAVIS, J. H.

Laboratory and Field: 3:00 to 5:00 W F, 8:00 to 12:00 S. DAVIS, J. H.

Kinds and classification of vegetation, particularly those of Florida and consideration and measurement of climatic, edaphic, physiographic, and biotic factors and of plant successions.

GRADUATE COURSES

BTY. 500.—Advanced Botany. 4 credits.

To arrange. STAFF.

Laboratory and problems in one or more fields of botany, taxonomy, physiology, ecology, plant geography and anatomy, depending on requirements of the minor or major student in botany. Admit ed only by approval of head of department and instructor.

BTY. 501.—Vegetation of Florida. 3 credits. Prerequisite: BTY. 401.

To arrange. DAVIS, J. H.

All types of vegetation in Florida in relation to soil, climate, physiographic and geologic conditions—also the uses of various types.

BTY. 570.—Research in Botany. 6 hours of laboratory or field work for each semester hour credit. 1 to 4 credits.*

To arrange. STAFF.

Research in one of the fields of botany.

BUILDING CONSTRUCTION**

BCN. 301-302-303-304.—Projects in Building Construction, Group 1. 3 credits each;—group total, 12 credits. Maximum Summer Session load: 9 credits. Prerequisite: Completion of Lower Division program in Building Construction or equivalent.

Hours to arrange. E 175.

BCN. 311-312-313-314.—Projects in Building Construction, Group 2. 3 credits each;—group total, 12 credits. Maximum Summer Session load: 9 credits. Prerequisite: The series BCN. 301-302-303-304.

Hours to arrange. E 178.

BCN. 401-402-403-404.—Projects in Building Construction, Group 3. 3 credits each;—group total, 12 credits. Maximum Summer Session load: 9 credits. Prerequisite: The series BCN. 311-312-313-314.

Hours to arrange. E 174.

BCN. 411-412-413-414-415.—Projects in Building Construction, Group 4. 3 credits each;—group total, 15 credits. Maximum Summer Session load: 9 credits. Prerequisite: The series BCN. 401-402-403-404.

Hours to arrange. E 188.

BUSINESS EDUCATION

BEN. 81.—Introductory Typewriting. 2 credits.

8:00 daily and 2 hours to arrange. YN 306. BRADDY, V.

Skill in typewriting developed through practice on personal and business problems.

BEN. 91.—Introductory Shorthand. 3 credits.

11:00 daily and 2 hours to arrange. YN 306. MAXWELL, H. C.

The theory of Gregg shorthand is completed, using the functional method.

BEN. 181.—Advanced Typewriting. 2 credits. Prerequisite: BEN. 81 or permission of instructor.

10:00 daily and 2 hours to arrange. YN 306. MAXWELL, H. C.

Provides more intensive training in typewriting.

---

* Credit assigned must be shown on registration blank.
** For detailed course description refer to the University *Catalog*.

BEN. 191.—Shorthand Dictation. 3 credits. Prerequisite: BEN. 81 and 91, or permission of instructor.

9:00 daily and 2 hours to arrange. YN 306. MAXWELL, H. C.

Dictation developed, with emphasis on speed, accuracy, and shorthand skills.

BEN. 352.—Office Machine Techniques. 2 credits. Prerequisite: BEN. 81 or permission of instructor.

9:00 daily and 2 hours to arrange. YN 305. BRADDY, V.

The voice-writing machines, duplicating machines, adding machines and calculating machines are studied, both as to techniques and operation.

BUSINESS ORGANIZATION AND OPERATION

BS. 204.—Business Ethics. 3 credits.

8:00 daily. I 205. KAHN, S. A.

A study of ethical standards and theories of right and justice underlying business relations. Stress is laid on problems involving social morality, the profit motive, price policies and unfair competition. Specific codes of ethics are analyzed in order to determine the place of business ethics in American contemporary society.

BS. 231.—Principles of Marketing. 3 credits. Prerequisite: ES. 205-206.

Section 1. 7:00 daily. I 210. BREESE, W. E.
Section 2. 9:00 daily. I 203. CRAWFORD, C. M.

The institutions and methods developed for carrying on trade operations; retail and wholesale agencies; elements of marketing efficiency; the cost of marketing; price maintenance; unfair competition; the relation of the government to marketing.

BS. 233.—Salesmanship. 3 credits.

10:00 daily. I 205. YODER, L. C.

An introduction to selling. Analysis of types, stages, problems, of psychology of sale situations.

BS. 260.—Fundamentals of Insurance. 3 credits.

7:00 daily. I 201. PIERCE, J. E.

The basic fundamentals underlying the business of insurance as a prerequisite for more advanced and detailed work in the subject, designed to serve two distinct needs: (1) to give students of economics and commerce a general knowledge of the subject; and (2) to lay a foundation for the future work of those interested in entering the business.

BS. 271.—Industrial Management. 3 credits.

11:00 daily. I 202. HODGES, H. G.

The basic fundamentals of management underlying the solution of problems of organization and operation of business enterprises. Application of these fundamentals to specific fields of industrial management such as production, material personnel, purchasing, etc.

BS. 336.—Credits and Collections. 3 credits.

9:00 daily. I 206. YODER, L. C.

Retail and mercantile credit; the principles that guide a creditor both in the acceptance of risk and the collections that must follow; credit department operation.

BS. 363.—Life Insurance: Elements. 3 credits.

8:00 daily. I 104. PIERCE, J. E.

All types of life insurance, giving a picture of the business as interrelated with our economic world through examination of uses; selection methods; policy provisions and conditions; and carriers. Designed to familiarize the student with the general principles of the business and/or to form a foundation for advanced study.

BS. 373.—Personnel Management. 3 credits.

8:00 daily. I 207. LUCK, T. J.

A comparison of and critical evaluation of public and private personnel practices and techniques of recruiting, selecting, transferring, promoting, classifying and training workers. Attention is centered on the problem of training to fit workers for the different types and levels of duties called for by government, by industry and by other types of business enterprises. Consideration of organization, policies, and procedures of managing men.

BS. 401.—Business Law. 3 credits.

10:00 daily. I 108. WYATT, J. W.

Contracts: Formation and interpretation; operation and discharge; remedies. Agency: Nature and formation of relationship; inter-relationship responsibilities and rights; responsibility as to third parties, termination of relationship.

BS. 402.—Business Law. 3 credits.

8:00 daily. I 206. WYATT, J. W.

Sales: Formation and performance of contracts of sale of personal property; remedies of sellers and buyers for breach. Negotiable Instruments: Formation and operation of negotiable contract; rights and obligations of various parties on negotiable instrument; discharge.

BS. 422.—Investments. 3 credits. Prerequisite: ES. 321.

11:00 daily. I 208. FLOYD, J. S.

The nature of investments; investment policies and types of securities; analysis of securities; the mechanics and mathematics of security purchases; factors influencing general movements of security prices.

BS. 427.—Corporation Finance. 3 credits.

10:00 daily. I 210. FLOYD, J. S.

A study of the economic and legal forms of business enterprises; the instruments of business finance; financial problems as they relate to the ordinary operations of the business involving working capital, income, dividend policy and current borrowing.

BS. 428.—Corporation Finance. 3 credits. Prerequisite: BS. 427. A continuation of BS. 427.

9:00 daily. I 108. McFERRIN, J. B.

The sale of corporation securities; problems incident to growth and expansion; business failures and financial reconstruction; social aspects of corporate financial policy.

BS. 433.—Advertising. 3 credits.

11:00 daily. I 110. HARDY, F. K.

A comprehensive guide to the planning and preparation of modern advertising in all of its phases.

BS. 437.—Retailing. 3 credits.

8:00 daily. I 208. BREESE, W. E.

The fundamentals of retailing: problems, policies, trends and procedures in retail distribution.

BS. 438.—Sales and Market Analysis. 3 credits.

10:00 daily. I 208. CRAWFORD, C. M.

The application of scientific method to the solving of marketing and distribution problems; survey, observational, and experimental methods of gathering data; specific investigations into sales, advertising, brand, price, and trade channel problem solving.

BS. 439.—Principles and Problems of Merchandising. 3 credits.

9:00 daily. I 208. BROHM, H. D.

Methods and policies relative to business management functions of merchandising; buying, product analysis, pricing, brands, channels of distribution, and sales administration.

BS. 444.—Ocean Transportation. 3 credits.

10:00 daily. I 105. BRADBURY, R. W.

Problems in ocean transportation; types of ocean carriers; ocean routes; ocean ports; services of ocean freight carriers; ship brokerage and freight brokerage; passenger carriers; steamship combinations and conferences; ocean freight rate-making; vessel and cargo documents; regulation of shipping; government aid to ship-building and operation; shipping of Florida ports.

BS. 459.—Field Work in Marketing. Variable crdit up to 3 hours.*

To arrange. D 102. McFERRIN, J. B.

Up to three credit hours for weekly reports and a final report on problems as they arise in a full time three months period of work in Sales, Retailing, Advertising, Wholesaling, Credits and Collections, Market Research, or other work in Marketing under supervision of an approved employer. Open only to students majoring in Marketing, Sales, Retailing, or Advertising curricula only before the last term on the campus, only after completion of a course in the principles of the subject to be practiced, and only with written permission from a aponsoring Professor. Complete course regulations may be aecured from sponsoring professor. All registrations in this course are subject to these regulations.

BS. 464.—Statistical Controls for Management. 3 credits.

9:00 daily. I 104. COLLINS, E. C.

The methods and devices used by management in the collection, interpretation and application of data for the control and correction of managerial problems.

BS. 472.—Collective Bargaining. 3 credits.

9:00 daily. I 207. LUCK, T. J.

A study of the practices and techniques of collective bargaining with respect to the relationship of the individual worker and his union, of the union and the employer, and of the union and the general public.

BS. 479.—Business Policies. 3 credits.

8:00 daily. I 108. BROHM, H. D.

A study of Business Policies correlating the functions of aales, procurement, personnel, finance, and covering various industries and cyclical movements. Open only to seniors and graduate atudents.

BS. 482.—Fidelity and Surety Bonding. 3 credits.

10:00 daily. I 207. CRIST, G. W., JR.

The bonding coverages guaranteeing performance and/or honesty and capacity of third parties as well as the underwriting principles applicable to this field.

BS. 484.—Legal Aspects of Insurance. 3 credits.

11:00 daily. I 207. CRIST, G. W., JR.

The essentials of the law peculiarly applicable to the businesa of insurance including Florida's statutory regulation thereon.

GRADUATE COURSES

BS. 528.—Central Banking, Policies and Problems. 3 credits. Prerequisite: ES. 321.

To arrange. D 109. MATTHEWS, C. A.

The functions, powers, and policies of central banks; the changing role of central banks in the economy, with special emphasis on the place of central banks in a "free" economy and in a "state" economy.

BS. 535.—Market Management. 3 credits. Prerequisite: BS. 438, and BS. 439 or equivalent.

To arrange. D 116. HARDY, F. K.

Some marketing policy problems from the standpoint of the individual enterprise. Channels of distribution, pricing, sales promotion, marketing trends and sales organization.

BS. 575.—Management Problems. 3 credits.

To arrange. D 112. HODGES, H. G.

Deals with specific current industrial problems in the fields of administration, production, finance, personnel, labor relations, purchasing and distribution. Problems are selected from technical magazines in the management fields, and from contacts with key operating personnel in industry.

---

* Credit must be assigned on the registration card.

CHEMICAL ENGINEERING

CG. 347.—Industrial Stoichiometry. 4 credits. Prerequisites or corequisites: CY. 202, MS. 354, and PS. 206.

8:00 daily. EI 430. TYNER, M.
2:00-5:00 MW. N 105.

Industrial processes and calculations, weight balances, gas calculations, combustion processes, vapor pressure, humidity, etc.

CG. 361.—Materials of Engineering. 3 credits. Prerequisites: CY. 102 or CY. 106, and PS. 206.

10:00 daily. EI 328. BEISLER, W. H.

Production, properties, and uses of ferrous and non-ferrous metals and alloys, cement, bricks, plastics, timber, etc.

CG. 447.—Principles of Chemical Engineering. 3 credits. Prerequisite: CG. 348.

10:00 daily. EI 430. SCHWEYER, H. E.

The fundamental chemical engineering operations: fluid flow, heat transmission, evaporation, humidity, etc.

CG. 467.—Chemical Engineering Thermodynamics. 3 credits. Prerequisites: CY. 401 and MS. 354. Corequisite: CY. 402.

11:00 daily. EI 430. DUNCAN, J. M.

Fundamental applications of thermodynamics to chemical engineering.

CHEMISTRY

CY. 101.—General Chemistry. 4 credits. The first half of the course CY. 101-102.

(Register for the lecture, one discussion section, and one laboratory section.)

Lecture Section 1:	9:00	M T Th F	LE 142
Discussion Section 11:	9:00	W S	LE 142
Laboratory Section 111:	1:00-4:00	M W	LE 138

Fundamental laws and theories of chemistry and the preparation and properties of the common non-metallic elements and their compounds.

CY. 102.—General Chemistry. 4 credits. The second half of the course CY. 101-102.

Lectures:	11:00	Daily	LE 212
Laboratory:	1:00-4:00	T Th	LE 138

Fundamental laws and theories of chemistry; common metals and their compounds and uses.

CY. 105.—General Chemistry and Qualitative Analysis. 4 credits. The first half of the course CY. 105-106. Prerequisites: Upper percentile rating in placement tests in physical sciences and mathematics or satisfactory completion of C-2. In general, freshmen should present evidence that they have had high school chemistry. Pre- or corequisite: Basic Mathematics.

Lectures:	9:00	Daily	LE 118 TARRANT, P.
Laboratory:	2:00-5:00	M W	LE 138

CY. 106.—General Chemistry and Qualitative Analysis. 4 credits. The second half of the course CY. 105-106.

Lectures:	11:00	Daily	LE 118
Laboratory:	2:00-5:00	T Th	LE 136

CY. 203.—**Qualitative Analysis.** 3 credits. Prerequisites: CY. 102 or a grade of B or better in ACY. 126.

Lectures:	10:00	M T W Th	LE 118
Laboratory:	1:00-4:00	T Th	LE 136

CY. 205.—**Introductory Quantitative Analysis.** 4 credits. Prerequisite: CY. 106 or CY. 203.

Lectures:	8:00	M T W Th	LE 118	GROPP, A. H.
Laboratory:	1:00-4:00	M T W Th	LE 112	

Theoretical principles and laboratory techniques in gravimetric and volumetric determinations.

*CY. 262.—**Organic Chemistry.** 5 credits. Prerequisite: CY. 102 or CY. 106.

(Register for the lecture section, one laboratory section, and one discussion section.)

Lecture Section 1:	10:00	M T Th F	LE 118
Discussion Section 11:	10:00	W S	LE 118
Discussion Section 12:	1:00	T Th	LE 212
Laboratory Section 111:	2:00-5:00	T Th	
	1:00-4:00	W F	LE 236
Laboratory Section 112:	2:00-5:00	T Th	
	1:00-4:00	W F	LE 236

CY. 301.—**Organic Chemistry.** 4 credits. The first half of the course CY. 301-302. Prerequisite: CY. 205.

(Register for the lecture section, one discussion section, and one laboratory section.)

Lecture Section 1:	8:00	M T Th F	LE AUD	RIETZ, E. G.
Discussion Section 11:	8:00	W S	LE 212	
Discussion Section 12:	1:00	W F	LE 212	
Laboratory Section 111:	2:00-5:00	W F	LE 238	
Laboratory Section 112:	2:00-5:00	W F	LE 238	

Preparations and properties of the various aliphatic and aromatic compounds.

CY. 402.—**Physical Chemistry.** 4 credits. The second half of the course CY. 401-402.

Lectures:	9:00	Daily	LE 212	PHILLIPS, L. R.
Laboratory:	1:00-4:00	T Th	LE 204	

Colloids, electricity as applied in chemistry, chemical kinetics, photo-chemistry and introduction to quantum theory.

GRADUATE COURSES

CY. 502.—Structural Inorganic Chemistry.** 3 credits.

To arrange.

CY. 506.—Special Chapters in Organic Chemistry.** 3 credits.

To arrange.

CY. 513.—Colloids.** 3 credits.

To arrange.

---

* Premedical students should take CY. 301-302 rather than CY. 262.

** That one of these courses will be given for which the greatest demand develops.

CY. 547.—Biochemistry (Proteins and Colloids). 2 credits. Prerequisite: A course in general biochemistry.

To arrange. NOVAK, A. F.

Composition, structure, physico-chemical properties and function of the proteins; the relation of colloid systems to biochemical processes.

CY. 549.—Biochemistry Laboratory (Proteins and Colloids). 1 credit. Prerequisite or corequisite: CY. 547.

To arrange.

CY. 565.—Seminar in Cancer Research. 1-3 credits.*

9:30-12:30 S.

CY. 570.—Research in Inorganic Chemistry. 2 to 6 hours credit.*

CY. 571.—Research in Analytical Chemistry. 2 to 6 hours credit.*

CY. 572.—Research in Organic Chemistry. 2 to 6 hours credit.*

CY. 573.—Research in Physical Chemistry. 2 to 6 hours credit.*

CY. 574.—Research in Naval Stores. 2 to 6 hours credit.*

CY. 575.—Research in Sanitary Chemistry. 2 to 6 hours credit.*

CY. 576.—Research in Biochemistry. 2 to 6 hours credit.*

CY. 581.—Cancer Research. 1 to 6 hours credit.*

CIVIL ENGINEERING

CL. 223.—Surveying. 3 credits. Prerequisite: MS. 105.

(Register for the lecture (Section 1) and one laboratory (Section 11 or 12).)

Section 1. 9:00 M T W Th. EI 416. KATTERHENRY, A. A.
Section 11. 2:00-5:00 M W. EI 343. KATTERHENRY, A. A.
Section 12. 1:00-4:00 T Th. EI 343. KATTERHENRY, A. A.

Use of surveyors tape, level and transit; traversing and balancing of surveys; calculation of areas, contour work; line-azimuth by observation on sun, stadia surveying with transit; topographic mapping; land subdivision and determination of the accuracy or order (first, second or third) of survey required for the purpose.

CL. 226.—Higher Surveying. 3 credits. Prerequisite: CL. 223.

11:00 M T W Th. EI 415. BRANSFORD, T. L.
1:00-4:00 M W. EI 343. WINSOR, A. N.

Adjustment of instruments; precise leveling; precise base-lines; first order triangulation; highway profiles and curves; line azimuth by Polaris observations; use of alidade and plane table; topographic mapping; photogrammetry.

CL. 301.—Forest Surveying. 3 credits. Prerequisite: CL. 223.

8:00 T Th. EI 324. WINSOR, A. N.
9:00-12:00 T Th. EI 324. WINSOR, A. N.
1:00-4:00 T Th. EI 324. WINSOR, A. N.

Topographic mapping; resurvey of land lines and boundaries; timber road detail by compass and Abney level; mapping and traverse from aerial photograph data; plane table surveys; stadia measurements; line azimuth determination; adjustment of instruments; leveling.

---

* Credit assigned must be shown on registration blank.

CL. 321.—**Highways and Airports.** 3 credits. Prerequisite: CL. 226.

8:00 daily. EI 416. BRANSFORD, T. L.

The principles of highway planning, location, construction, maintenance, financing and administration, as applied to interregional, primary and secondary roads and city streets; planning and design of airports.

CL. 326.—**Statics of Simple Structures.** 4 credits. Prerequisite: EM. 365.

11:00 daily. EI 416. DANIELS, S. R.
1:00-4:00 M W. EI 320. DANIELS, S. R.

Applications of the methods of statics to structural analysis; a correlation between graphical and analytical methods; moments, shears, reactions, resultants, stress diagrams, and influence lines for statically determinate structures.

CL. 333.—**Design in Reinforced Concrete.** 3 credits. Prerequisites: EM. 367, CL. 326.

9:00 daily. EI 415. BUGG, S. L.

The principles of reinforced concrete design; design of concrete mixtures; design of beams for bending; combined bending and axial loads; bond, shear, and web reinforcing; composite beams; columns; simple retaining walls.

CL. 368.—**Strength of Materials Laboratory.** 1 credit. Corequisite: EM. 367.

1:00-4:00 M W. EI 120. COMINS, H. D.

A laboratory course of experiments involving the strength and physical properties of engineering materials that are studied in Strength of Materials.

CL. 424.—**Soil Mechanics.** 3 credits. Prerequisites: GY. 210, EM. 367.

10:00 M T W Th. EI 415. ZIMPFER, W. H.
1:00-4:00 T Th. EI 112. ZIMPFER, W. H.

Origin and composition of soils; classification and routine testing, subsurface exploration and sampling; permeability and capillarity of soils; compaction, field and laboratory methods; stresses in soil masses as determined by elastic theory; consolidation; strength theory; shearing characteristics of aands; shearing strength of cohesive soils.

CL. 426.—**Water Supply and Treatment.** 3 credits. Prerequisite: EM. 313.

10:00 M T W Th. EI 204. KIKER, J. E.
1:00-4:00 T Th. EI 320. KIKER, J. E.

Sources of supply, methods of treatment; the design of water systems including supply, treatment and distribution.

CL. 429.—**Sewerage.** 3 credits. Prerequisites: EM. 314, CL. 333. Corequisite: CL. 438.

9:00 M T W Th. EI 204. HENDRICKSON, E. R.
1:00-4:00 M W. EI 324. HENDRICKSON, E. R.

The hydraulic and structural design of the sewerage system and sewage treatment plants; including a study of the elementary principles of sewage treatments.

GRADUATE COURSES

CL. 523.—**Advanced Concrete Structures.** Variable credit.* Prerequisites: CL. 438, CL. 333. Corequisite: CL. 538.

10:00 daily. EI 416. CUTTS, C. E.

Comparisons of modern methods of concrete proportioning; design with relation to ultimate; prestressing and contrastressing; plastic flow; special structures; admixtures and protective treatments; study of research development, the design of concrete rigid frame bridges.

CL. 526.—**Three Dimensional Stress Analysis.** 3 credits. Prerequisite: CL. 326.

9:00 daily. EI 420. BROMILOW, F.

The resolution of forces, computation of reactions, and calculation of forces and stresses in structures that cannot be reduced to co-planer structures.

---

* Credit assigned must be shown on the registration blank.

CL. 529.—Advanced Sanitary Engineering Design. 3 credits. Prerequisites: CL. 429, CL. 438, CL. 527.

9:00-12:00 daily. EI 320. GRANTHAM, G. R.

Special problems in the design of water, sewage, and industrial waste plants.

CL. 547.—Advanced Highway Engineering. 1 to 6 credits.* Prerequisites: CL. 439, CL. 450.

11:00 daily. EI 411. RITTER, L. J.

Special problems in highway economics, planning, design and construction.

COMMERCIAL ART**

CT. 360.—Layout. 3 credits.

1:00-3:00 daily. WA 300 B.

The elements of design in layout.

CT. 361.—Lettering and Instrumental Drawing. 3 credits.

1:00-3:00 daily. WA 300 C.

The design of letters suitable to the subject. Instruction in the mechanical aids to drawing.

CT. 461-462-463.—Projects in Advertising Design, Group I. 36 hours of lecture —laboratory. 3 credits each;—group total, 9 credits.

Hours to arrange. WA 300 D.

Page ads, direct mail pieces, poster design, package design and educational visual aids. Analysis of product, market, media and reproduction processes..

CRAFTS**

CS. 381.—Crafts I. 3 credits.

1:00 to 3:00 daily. WA 301 and WA 304.

Construction, glazing, and firing of ceramic products. The design and construction of woven fabrics, silver, copper, and leather articles.

CS. 382.—Crafts II. 3 credits.

3:00 daily. 6 hours to arrange. WA 304.

Specialization in three areas from any of the fields studied in CS. 381.

CS. 482.—Ceramics II. 6 credits.

3:00 daily. 18 hours to arrange. WA 304.

An advanced course in ceramics combining research in design and ceramic technology.

CS. 484.—Special Problems in Crafts. 6 credits.

3:00 daily. 18 hours to arrange. WA 304.

Area of specialization selected by the student in consultation with the instructor.

DAIRY SCIENCE

DY. 311.—Principles of Dairying. 3 credits.

9:00 M T W Th. DL 203. WILKOWSKE, H. H.

Laboratory: 1:00-3:00 T Th. DL 110.

Composition and properties of milk; sanitary milk production; common methods of analyzing milk; common dairy processes; farm methods of handling milk.

---

* Credit assigned must be shown on the registration blank.

** For detailed course description refer to the University *Catalog*.

DY. 411.—Dairy Cattle Management. 3 credits.
7:00 M T W Th. DL 203. ARNOLD, P. T. DIX.
Laboratory: 1:00-5:00 F. DL 203.

Dairy breeds, selection, breeding and raising of dairy cattle. One or more trips to dairy farms.

GRADUATE COURSES

DY. 521.—Problems in Milk and Milk Products. Variable credit.
To arrange. WILKOWSKE, H. H.

A course designed to teach methods in dairy products research.

DY. 523.—Problems in Dairy Production. Variable credit.
To arrange. STAFF.

Research for majors in dairy husbandry.

DY. 508.—Methods in Animal Research. 2 credits.
To arrange. BECKER, R. B.

Methods employed in nutritional investigations with farm animals, including feeding and management.

ECONOMICS

ES. 203.—Elementary Statistics. 4 credits. Prerequisite: C-42 or equivalent.
(Register for one section only.)

Section 1.	8:00 daily. 1:00-3:00 M W.	PE 1.	ZIEGLER, R. J.
Section 2.	9:00 daily. 3:00-500 M W.	PE 1.	ANDERSON M. D.
Section 3.	10:00 daily. 2:00-4:00 T Th.	PE 1.	ZIEGLER, R. J.

The statistical method as a tool for examining and interpreting data; acquaintance with such fundamental techniques as find application in business, economics, biology, agriculture, psychology, sociology, etc.; basic preparation for more extensive work in the field of statistics.

ES. 205.—Economic Foundations of Modern Life. 3 credits. First half of the course ES. 205-206.
(Register for one section only.)

Section 1.	7:00 daily.	I 110.	CALOHAN, C. E.
Section 2.	8:00 daily.	I 110.	CALOHAN, C. E.
Section 3.	9:00 daily.	I 110.	KARP, J. R.
Section 4.	10:00 daily.	I 110.	ANDERSON, J. D.

Introductory course in economics designed primarily to meet the requirements of University students who feel the need for a workable knowledge of the economic system. Emphasis is placed on analysis and descriptions of the more important economic organizations and institutions which, in their functional capacities, constitute the economic order. Economic principles and processes are explained, especially those relating to an understanding of value, price, cost, rent, interest, wages, profit, money, banking, commerce, foreign exchange, foreign trade and business cycles. The first term, which is devoted largely to the study of economic organizations and institutions and to the principles governing value and price, may be taken separately for which 3 semester hours of credit are given.

ES. 206.—Economic Foundations of Modern Life. 3 credits. Second half of the course ES. 205-206.
(Register for one section only.)

Section 1.	8:00 daily.	I 106.	BRAND, M.
Section 2.	9:00 daily.	I 106.	ROBERTSON, A. J.
Section 3.	10:00 daily.	I 106.	ROBERTSON, A. J.
Section 4.	11:00 daily.	I 209.	MILLICAN, C. N.

ES. 210.—Machine Technology in American Life. 3 credits.

10:00 daily. I 209. MILLICAN, C. N.

Shift from agrarian to industrial economy; development of machine technology and mass production; finance capitalism; impact of technological change on cultural pattern; class stratification and conflicts; relation of technology to nationalism and internationalism.

ES. 246.—The Consumption of Wealth. 3 credits.

10:00 daily. I 206. CUNKLE, A. L.

An economic analysis of the problems involved in determining the extent and trends of consumer demand and in the adjustments of productive processes to that demand.

ES. 296.—Industry and Trade of Latin America. 3 credits.

8:00 daily. I 209. COLLINS, E. C.

The industrial importance of the several Latin American countries viewed in the light of their economic background. Attention is devoted to the development of the industries of each country, the volume and types of exports and imports as well as the trade practices and customs of these countries.

ES. 321.—Money and Banking. 3 credits. Prerequisite: ES. 205-206.

9:00 daily. I 202. MATTHEWS, C. A.

An introduction to the field of finance; a study of the institutions providing monetary, banking and other financial services; interrelationships and interdependence of financial institutions; central banking; government control of finance; significance of financial organization to the economic system as a whole.

ES. 327.—Public Finance. 3 credits. Prerequisite: ES. 205-206.

(Register for one section only.)

Section 1.	9:00 daily.	I 210.	ANDERSON, J. D.
Section 2.	11:00 daily.	I 210.	CUNKLE, A. L.

Principals governing expenditures of modern government; sources of revenue; public credit; principles and methods of taxation and financial administration as revealed in the fiscal systems of leading countries.

ES. 347.—Principles of Foreign Trade. 3 credits. Prerequisite: ES. 205-206.

7:00 daily. PE 1. SHIELDS, M. W.

Fundamental principles of foreign trade; significance of geographic, economic, social, and political influences; current practices and development in foreign trade; products of international commerce, protective tariffs and other barriers to world trade; tendencies in the foreign trade of the United States.

ES. 351.—Elements of Transportation. 3 credits. Prerequisite: ES. 205-206.

8:00 daily. I 105. ROBERTS, M. J.

General survey of the significance, characteristics, and major problems of intercity transportation.

ES. 372.—Labor Problems. 3 credits. Prerequisite: ES. 205-206.

10:00 daily. I 202. KENNEDY, J. W.

Labor problems; insecurity, wages and income; hours, sub-standard workers, industrial conflict; attempts to solve labor problems by employees; unionism in its structural and functional aspects; attempts to solve labor problems by employers; personnel management, employee representation, employers' associations; attempts to solve labor problems by state, protective labor legislation, laws relating to settlement of industrial disputes.

ES. 382.—Principles of Resource Utilization. (Identical with GPY. 382.) 3 credits.

9:00 daily. B 114. DAY, R. L.

A comprehensive review of the natural and human resources of the United States followed by an intensive study of the wise and wasteful practices of exploitation and utilization of these resources. A study of the human and economic significance of the principles of conservation with special reference to the South. Course designated to satisfy resource certification for social studies teachers.

ES. 404.—Government Control of Business. 3 credits. Prerequisite: ES. 205-206.
9:00 daily. I 205. BRAND, M.

The evolution of economic control; an examination of the effectiveness of laissez faire control in the American economy; legality of and chief methods of effectuating governmental control; the development of the relationship between government and non-public utility monopolies; Federal Trade Commission control of competitive practices; a critical appraisal of recent developments in the field of government control.

ES. 407.—Economic Principles and Problems. 3 credits. The first half of the course ES. 407-408. Prerequisite: ES. 205-206.

(Register for one section only.)

Section 1.	8:00 daily.	I 201.	QUALLS, L. L.
Section 2.	9:00 daily.	I 201.	FRISTOE, C. W.
Section 3.	11:00 daily.	I 201.	FRISTOE, C. W.

An advanced course in economic theory, dealing especially with the theories of production, price determination, and income distribution and their application to a selected list of current economic problems.

ES. 408.—Economic Principles and Problems. 3 credits. The second half of the course ES. 407-408.

(Register for one section only.)

Section 1.	8:00 daily.	I 202.	MITCH, G. F.
Section 2.	10:00 daily.	I 201.	MITCH, G. F.

ES. 409.—Comparative Economic Systems. 3 credits.
8:00 daily. I 210. BLODGETT, R. H.

The economics of capitalism, socialism, communism, and fascism. The theoretical economics of capitalism, socialism, and communism and the actual economies of the United States, Soviet Russia, England, Nazi Germany, and Fascist Italy are compared on the basis of such matters as industrial production, agriculture, exchange, credit and banking, income distribution, the status of labor, and international trade. Marxian Socialism is also considered briefly.

ES. 429.—Introduction to Business Cycles. 3 credits. Prerequisite: ES. 321.
10:00 daily. I 104. KARP, J. R.

An introduction to the principal theories of the business cycle including also a description of the various types of cycles and an examination of the important remedies that have been proposed.

ES. 469.—Business Cycles and Forecasting. 3 credits. Prerequisite: ES. 203.
11:00 daily. PE 1. ANDERSON, M. D.

Mathematical and statistical theory of the relationships of important variables in the business cycle, such as profits, the price level, wages, national income, employment, savings and investment. Application of this theory to business forecasting and problems of governmental control.

ES. 477.—Problems in Federal Finance. 3 credits. Prerequisite: ES. 327.
9:00 daily. I 209. QUALLS, L. L.

Economic effects of public expenditure; war finance; personal income and estate taxes; corporate income and profits taxes; excise taxes; debt problems.

GRADUATE COURSES

ES. 545.—The Economy of Latin America. 3 credits.
To arrange. D 109. BRADBURY, R. W.

A study of contemporary economic and commercial problems of Latin America. Attention will be given to current developments in production, transportation and trade of the various countries.

ES. 551.—Transportation Policy. 3 credits.
To arrange. D 120. ROBERTS, M. J.

Critical examination of the development, effects, and proposed improvements of general transportation policy, including regulation, promotion, taxation, and labor.

ES. 574.—Labor Economics. 3 credits.

To arrange. D 111. KENNEDY, J. W.

The seminar in wage theory has for its purpose an intensive and advanced study of the various theories of wage determination and the economic role of wages in the economy.

ES. 591.—Neo-Classical Economics. 3 credits. The first half of the course ES. 591-592.

2:00-5:00 M W. LI 417. BLODGETT, R. H.

Analysis, criticism, and restatement of neo-classical price and production theories. Demand, supply, cost of production, and price determination under various conditions of the market will be considered. The writings of Marshall, Hicks, Boulding, Davenport, Stigler, Fellner, J. Robinson, and Chamberlin provide the background for the discussion.

EDUCATION

EN. 301.—Principles and Practices of the Secondary School Program. 3 credits.

EN. 301 and EN. 302 must be taken concurrently.

8:00-10:00 daily. YN 140. BROWNE, E. B.

Work will consist of readings, class discussions, observation and participation in school and community situations; attention to the scope, functions, and types of secondary school curriculums; contributions and techniques of the specific teaching fields; theories of learning and growth.

EN. 302.—Principles and Practices of the Secondary School Program. 3 credits.

8:00-10:00 daily. YN 140. BROWNE, E. B.

EN. 303.—Methods in Vocational Agriculture. 3 credits.

11:00 daily. YN 140. LOFTEN, W. T.

General methods of teaching vocational agriculture.

EN. 309.—Teaching of Secondary Mathematics. 3 credits.

9:00 daily. YN 316. KIDD, K. P.

For students who plan to teach mathematics in grades 9-12. Basic concepts and skills that should be taught in algebra and geometry with emphasis on procedures and materials.

EN. 316.—Elementary Quantitative Methods in Education and Psychology. 3 credits.

8:00 daily. YN 316. KIDD, R.

Application of statistical processes and formulas to educational and psychological data; the interpretation of typical quantitative treatments of findings in psychology and education.

EN. 385.—Child Development. 3 credits.

Section 1. 9:00 daily. YN 222.

Growth and development of children into mature personalities. Recent research studied through outside reading, class discussion and observation. Methods of evaluating child growth.

EN. 386.—Educational Psychology. 3 credits.

Section 1. 11:00 daily. YN 222.

Application of psychological principles to the education process. Individual differences, principles of learning, transfer of training, and the nature of reasoning.

EN. 418.—Audio-Visual Materials. 3 credits.

8:00 daily. YN 142. ALEXANDER, V. W.

The techniques needed to provide better classroom utilization of the audio-visual aids to learning. Some opportunity to develop skill in these techniques will be presented to students.

EN. 471.—Problems of Instruction. 4 credits.

1:00 daily and 2 hours to arrange. YN 207.

Curriculum practices and development of plans for classroom experience.

EN. 480.—Teaching of Reading. 3 credits.

10:00 daily. YN 140.

A comprehensive survey of the problems of teaching reading in all grades; practical procedures for attacking these problems.

GRADUATE COURSES

NOTE: All new graduate students in Education are required to attend an orientation meeting at 7:00 P.M., June 19, in the P. K. Yonge Auditorium. Information will be given about types of graduate study, the planning of individual programs, and facilities available.

EN. 527.—Secondary School Curriculum. 3 credits.

11:00 daily. YN 316. BROWNE, E. B.

This course is the graduate counterpart of EN. 397, but students are expected to carry out an individual project in addition to studying about general methods of teaching in high schools. Students who have taken EN. 397 or its equivalent will not receive credit for EN. 527.

EN. 530.—Individual Work. 3 or 6 credits.

Section 1. To arrange. YN 302. WILLIAMS, W. R.

Restricted to students with special problems. Registration may be arranged only with the approval of the instructor and the head of the department.

EN. 579.—Methods and Materials in Secondary Mathematics. 3 credits.

10:00 daily.

To help teachers obtain and use materials for the enrichment of teaching in junior and senior high school mathematics classes; simple field problems in surveying, construction and use of the slide rule, navigation problems, examination of films and filmstrips, construction of resource units.

EN. 588.—Language Arts in the Elementary School—Creative Expression. 3 credits. This course satisfies the requirement for certification in the elementary school Area II.

1:00 daily. YN 140.

The literature for young children and the arts related—illustration, puppetry and other dramatic forms, story telling, creative writing; the evaluation and study of children's books.

ELECTRICAL ENGINEERING

EL. 211.—Introduction to Electrical Engineering. 3 credits. Corequisites: PS. 206, PS. 208, MS. 354.

8:00 daily. EI 334.

A course to provide sophomore students who are planning to enroll in the Department of Electrical Engineering with basic knowledge of fundamentals of electric, magnetic, and dielectric circuits, and direct current methods of measurements.

EL. 342.—Elements of Electrical Engineering. 3 credits. The second half of the course EL. 341-342. Prerequisite: EL. 341.

9:00 daily. EI 346.

For engineering students not majoring in electrical subjects.

Representation of alternating current by vectors and complex quantities; measurement of power in single phase and polyphase circuits; generations, transmission, and utilization of electrical energy; characteristics of a.c. machinery; testing of a.c. equipment.

EL. 343.—Elements of Electrical Engineering. 3 credits. Prerequisites: MS. 354, PS. 206, PS. 208.

11:00 daily. EI 346.

For students majoring in Civil Engineering. The course covers as much of the power field of Electrical Engineering as possible within the allotted time, including electric and magnetic circuits, theory and application of direct and alternating current machines, illumination and wiring problems.

EL. 346.—Electrical Communications. 4 credits. Corequisite: EL. 362.

(Register for the lecture (Section 1) and one laboratory (Section 11 or 12).)

Section 1.	9:00 daily.	EI 328.
Section 11.	1:00-4:00 M W.	EI 427.
Section 12.	1:00-4:00 T Th.	EI 427.

Speech and hearing; receivers and loud speakers; principles of various systems of wire and radio telegraphy and telephony; elementary tube theory; amplifiers; radio receivers; and transmitters.

EL. 350.—Dynamo Laboratory. 1 credit. The second half of the course EL. 349-350. Prerequisite: EL. 349.

Section 1.	1:00-4:00 M W.	EI 220.
Section 2.	1:00-4:00 T Th.	EI 220.

A laboratory course for engineering students not majoring in electrical subjects. Experimental studies and tests of alternating current circuits and apparatus.

EL. 362.—Electric Circuits. 4 credits. The second half of the course EL. 361-362. Prerequisite: EL. 361.

(Register for the lecture (Section 1) and one laboratory (Section 11 or 12).)

Section 1.	8:00 daily.	EI 328.
Section 11.	1:00-4:00 T Th.	EI 424.
Section 12.	1:00-4:00 M W.	EI 424.

Unbalanced polyphase circuits; filters; elements of transmission lines; symmetrical components; non-sinusoidal waves; transient conditions; laboratory experiments in measurements; study of instruments, and verification of theorems.

EL. 445.—Electrical Instruments, Meters, and Relays. 3 credits. Prerequisites: EL. 362, EL. 363.

10:00 M T W Th.	EI 346.
1:00-4:00 M W.	EI 230.

Indicating instruments; demand instruments; recording and integrating; instrument transformers; measurement of circuit constant at low frequency and at radio frequency; measurement of frequency; wave form, power factor and phase angle; vacuum tube instrument.

EL. 446.—Electric Power Transmission 3 credits. Prerequisites: EL. 362, EL. 363.

8:00 daily. EI 346.

Characteristics of power and communication lines derived from the distributed constant circuit standpoint; traveling and standing waves; impedance loci and transmission line charts.

EL. 473.—Industrial Electronics. 4 credits. Prerequisites: EL. 346, EL. 362, EL. 363.

9:00 daily.	EI 430.
1:00-4:00 T Th.	EI 450.

Analysis of vacuum tube application with special emphasis on industrial devices such as high frequency heaters, rectifiers and inverters, timers, photoelectric controls, voltage regulators, and instruments.

EL. 493.—Electrical Design and Experimental Procedure. Variable credit.*

To arrange.

Special projects are studied and reports prepared thereon.

GRADUATE COURSES

EL. 537.—Transients in Linear Systems. 3 credits.

8:00 daily. EI 411.

Transient analysis of electrical and mechanical systems stressing Laplace transform methods.

EL. 552.—Theory of Vacuum Tubes. 3 credits.

9:00 daily. EI 411.

Fundamental principles of electronic motion, space-charge effects, and interactions of electrons with electromagnetic fields; analysis of vacuum-tube operation.

EL. 591.—Special Topics in Electrical Engineering. Variable credit.*

To arrange.

Laboratory, lectures, or conference covering specially selected topics in Electric Engineering.

ENGINEERING MECHANICS

EM. 313.—Fluid Mechanics. 4 credits. Prerequisites: EM. 365, MS. 354.

11:00 daily. RE 401.
1:00-4:00 T Th. RE 100.

Mechanics of compressible and incompressible fluids. Special emphasis of viscosity effects. Bernoilli's theorem, surface and form resistance, impulse-momentum principle, lift and drag, laws of similarity and dimensional analysis. Study includes statics, kinetics, and dynamics, and the application of basic principles to the flow of fluids through measuring devices and pipes, and around immersed bodies.

EM. 314.—Hydraulic Engineering. 3 credits. Prerequisite: EM. 313.

10:00 daily. RE 403.

Hydrology: analysis of rainfall and stream flow ending in the determination of a unit-hydrograph; flood control engineering. Open channels: study of critical flow, transilatory waves, and the hydraulic jump; backwater computations; reservoir routing; channel design. Pipes: construction of nomographs; pipe network, Cross method; water hammer, Gibson method; pipe design. Pumps: use of service and pump charactertistic curves based on manufacturer's data; cavitation studies. Turbines: significance of performance curves and specific speed; design of intake structures, control works, and draft tubes. Structures: design of a gravity dam by the method of zones.

EM. 365.—Engineering Mechanics—Statics. 3 credits. Prerequisites: PS. 205, ML. 182. Corequisite: MS. 354.

Section 1. 8:00 daily. RE 401.
Section 2. 10:00 daily. RE 401.

Principles of statics: resultants and equilibrium of co-planar force systems; resultants and equilibrium of space force systems; trusses containing two force members; structures containing three force members; friction; centroids; moments of inertia; Mohr's circle.

EM. 366.—Engineering Mechanics—Dynamics. 3 credits. Prerequisites: EM. 365, MS. 354.

Section 1. 9:00 daily. RE 402.
Section 2. 11:00 daily. RE 402.

Principles of dynamics: rectilinear translation; curvilinear translation including special equations for highway banking and dynamic balancing of rotating weights; mass moment of inertia; rotation; plane motion; work and energy; impulse and momentum.

EM. 367.—Strength of Materials. 3 credits. Prerequisites: EM. 365, MS. 354.

Section 1. 8:00 daily. RE 402.
Section 2. 10:00 daily. RE 402.

Tension, compression, shear, stress and strain; combined stresses; Mohr's circle; riveted joints for pressure vessels and structural work; torsion, bending moments; stresses, and deflection of simple, cantilever, and continuous beams; eccentric loading; columns.

GRADUATE COURSE

EM. 564.—Advanced Strength of Materials. 3 credits. Prerequisite: EM. 365.

To arrange.

Special problems in localized stress, principal stresses, strains due to principal stresses, thick wall cylinders, shear center, unsymmetrical bending, curved flexural members, closed rings, flat plates.

* Credit assigned must be shown on the registration blank.

ENGLISH

EH. 133.—Effective Writing. 3 hours. 3 credits. Prerequisite: C-3, or permission of C-3 Course Chairman.

10:00 daily. AN 2. WALKER, B. H.

Designed to aid the student to present his ideas in writing which is not only accurate and clear but pleasing and attractive to the reader. Students are urged to do creative work.

EH. 134.—Contemporary Reading. 3 hours. 3 credits. Prerequisite: C-3, or permission of C-3 Course Chairman.

12:00 daily. AN 2. FOGLE, S. F.

Designed to aid the student in planning for himself a well-rounded program in reading, which will serve to keep him abreast of the best in conemporary thought. Some time will be spent in introducing each student to the bibliography and writing in the area of his special professional interest.

EH. 135.—Word Study. 2 hours. 2 credits.

1:00 M T W Th. AN 311. BAUGHAN, D. E.

Effective ways of increasing vocabulary, improving skill as a reader and enhancing command of the arts of communication. Prerequisite: C-3.

EH. 217.—Literary Masters of England. 3 hours. 3 credits. The first half of the course EH. 217-218. May be taken for credit without EH. 218.

8:00 daily. AN 210. STRYKER, D.

The most interesting and significant English writers are read and discussed, primarily for an appreciation of their art and outlook on life. The selections begin with *Beowulf* and include the Age of Johnson.

EH. 218.—Literary Masters of England. 3 hours. 3 credits. The second half of the course EH. 217-218. May be taken for credit without EH. 217.

8:00 daily. AN 311. FAIN, J. T.

Covers the periods in English literature from Wordsworth and Coleridge to the present.

EH. 223.—Masterpieces of World Literature. 3 hours. 3 credits. The first half of the course EH. 223-224. May be taken for credit without EH. 224.

11:00 daily. AN 212. PATRICK, J. M.

EH. 301.—Shakespeare. 3 hours. 3 credits.

10:00 daily. AN 210. HERBERT, T. W.

Devoted chiefly to the romantic comedies and the history plays. As an aid to the reading of Shakespeare, some of the most interesting features of the Elizabethan stage and drama are treated briefly.

EH. 303.—English Literature of the 19th Century. 3 hours. 3 credits.

12:00 daily. AN 210. STRYKER, D.

Attention will be focused on Tennyson and Browning; Newman, Carlyle, and Macaulay; Dickens, Thackeray, and the Brontes.

EH. 328.—Imaginative Writing. 2 hours. 2 credits. The second half of the course EH. 327-328. May be taken for credit without EH. 327.

2:00 M T W Th. AN 212. BAUGHAN, D. E.

Designed to help the student who desires guidance in developing his capacity for original work. Group discussion, individual conferences, many papers.

EH. 355.—Business English. 3 hours. 3 credits.

12:00 daily. AN 212.

A general course in business writing, including business letters and elementary report writing. Prerequisite: C-3.

EH. 380.—English in the Secondary Schools. 3 hours. 3 credits.

8:00 daily. AN 212. COX, E. H.

Designed to help teachers of English by (1) a review of the contents, both the language and the literature, of secondary school English, with attention to some of the methods widely used in high school English courses, and (2) a study of both the ultimate and the immediate objectives of the Secondary English program.

EH. 391.—Children's Literature. 3 hours. 3 credits.

10:00 daily. AN 212. GEHAN, F. E.

Designed to arouse and satisfy a genuine interest in children's books apart from school textbooks, to aid the student to obtain a better working knowledge of this literature, and to make him more aware of degrees of excellence in content and form.

EH. 399.—Introduction to the Study of Literature. 3 hours. 3 credits.

9:00 daily. AN 210. HERBERT, T. W.

The nature of literature, its types, forms, content and values. Designed to provide the student with a better critical understanding of literary art. Lectures, wide reading and discussion.

EH. 401.—American Literature. 3 hours. 3 credits.

11:00 daily. AN 210. WARFEL, H. R.

Together with EH. 402, a critical and historical survey of American literature from 1607 to the present, considering the broad movements in the development of this literature, its relation to its social and cultural background, and the artistic merit of its principal productions. EH. 401-402 is suitable for English majors and for students preparing to teach English in the secondary school.

EH. 409.—Chaucer. 3 hours. 3 credits. Prerequisite: Approval of departmental adviser.

9:00 daily. AN 311. PYLES, T.

Designed to help the student appreciate Chaucer as a story teller, as a wise, humorous and penetrating observer of human life, and as a great poet.

EH. 415.—Milton. 3 hours. 3 credits. Prerequisite: Approval of departmental adviser.

11:00 daily. AN 311. ORAS, A.

Though the emphasis will fall upon *Paradise Lost*, all of Milton's poetry will be read and much of his prose.

EH. 418.—The Literature of the South. 3 hours. 3 credits.

9:00 daily. AN 212. FAIN, J. T.

Poetry and prose written by Southerners or reflecting the life in the region. Chief emphasis on 19th and 20th century literary productions.

EH. 419.—Elizabethan Drama. 3 hours. 3 credits. Prerequisite: Approval of departmental adviser.

12:00 daily. AN 311. PATRICK, J. M.

The origins and development of the Elizabethan drama, exclusive of Shakespeare, with emphasis upon such major writers as Marlowe, Kyd, Chapman, Marston, Webster and Jonson.

EH. 433.—English Literature of the 18th Century. 3 hours. 3 credits. Prerequisite: Approval of departmental adviser.

2:00 M T W Th F.* AN 311. HODGES, J. R.

English prose and poetry from Dryden through Pope, with chief emphasis upon Dryden, Defoe, Addison and Steele, Pope and Swift.

EH. 443.—The English Romantic Period. 3 hours. 3 credits. Prerequisite: Approval of departmental adviser.

10:00 daily. AN 311. FOGLE, S. F.

Chief emphasis on the work of Burns, Coleridge and Wordsworth.

---

* One hour to arrange.

GRADUATE COURSES

NOTE: With the approval of the departmental adviser, the following courses may be taken for graduate major credit: EH. 409, EH..415, EH. 419, EH. 433, EH. 443. No graduate degree, however, may be completed with courses at the 400 level but must include approved course work at the 500 level.

EH. 529.—Graduate Seminar. 2 hours. 1 credit.
1:00-3:00 M W. LI 404. BOWERS, R. H.

EH. 530.—Individual Work. Variable credit.* Prerequisite: Approval of departmental adviser.
To be arranged.

EH. 550.—The English Language in the Modern Period. 3 hours. 3 credits.
10:00 daily. LI 404. PYLES, T.

An historical study of the phonology, morphology, and syntax of the English language since about A. D. 1500, with some attention to the development of English in America.

EH. 566.—Literary Criticism, Historical and Analytical. 3 hours. 3 credits.
3:00 M T W Th F.** LI 404. ORAS, A.

Criticism from the 18th century to the present.

EH. 586.—American Fiction from 1860 to 1920. 3 hours. 3 credits.
To be arranged. LI 404. WARFEL, H. R.

A seminar. Harte, Twain, Howells, James, Crane, and others.

ENTOMOLOGY

EY. 301.—Economic Entomology. 3 credits.
(Register for one section only.)

Section 1.	9:00 M T W Th	FL 308	HETRICK, L. A.
	1:00-3:00 T Th	FL 306	
Section 2.	10:00 M T W Th	FL 308	ROGERS, A. J.
	3:00-5:00 T Th	FL 306	

An introduction to economic entomology, which is based upon a study of the life histories and control of major insect enemies of American agricultural crops. Particular stress is placed upon southern and Florida economic insects. This course is designed for all students in the College of Agriculture either as a pre- or corequisite for other entomology courses.

Textbook, *Destructive and Useful Insects* by Metcalf and Flint; or *Insects of Farm, Garden and Orchard* by Peairs.

EY. 305.—Problems in Entomology. 2 to 4 credits.* Prerequisites: EY. 301 and the basic course in the selected specialized field.
8:00 W. FL 308. CREIGHTON, JOHN T., and STAFF.
Other hours to be arranged.

Consists of an entomological problem for study which may be in any field of specialization, including histology, morphology, taxonomy, embryology, biological control, ecology, toxicology, plant quarantine, biology, life history and habits, commercial entomology, structural pest control, and medical and veterinary entomology. Textbook not required.

EY. 420.—Medical Entomology. 2 credits.
8:00 M T. FL 308. ROGERS, A. J.
3:00-5:00 M W. FL 306

The arthropods that are parasitic upon man, including insects and their near relatives that affect the health of man and their relationship to disease. Textbook, *Medical Entomology* by Herms.

---

* Credit assigned must be shown on registration blank.
** One hour to arrange.

EY. 460.—Insect Identification. 2 credits.

1:00-3:00 M W. FL 306. HETRICK, L. A.
8:00-12:00 F. FL 306.

The identification of insects to families. A survey of all orders. Textbooks, *Introduction to Entomology* by Comstock, and *How to Know the Immature Insects* by Chu.

GRADUATE COURSES

EY. 503.—Problems in Entomology. 2 to 4 credits.*

8:00 W. FL 306. CREIGHTON, JOHN T., and STAFF.

Other hours to be arranged.

A problem for study may be selected in any field of entomological specialization; including Histology, Morphology, Physiology, Taxonomy, Embryology, Biological Control, Ecology, Toxicology, Plant Quarantine, Commercial Entmology, Life History and Habits, Biology, and Medical and Veterinary Entomology.

EY. 511.—Entomological Research. 3 credits.

8:00 W. FL 306. CREIGHTON, JOHN T., and STAFF.

Other hours to be arranged.

Field or laboratory research of entomology problems. Results to be used in preparation of thesis. Prerequisites: 24 hours of entomology.

EY. 516.—Insect Ecology. 3 credits.

8:00 W. FL 306. CREIGHTON, JOHN T., and STAFF.

Other hours to be arranged.

Ecological principles and their application to insect life in which the economic applications are stressed. Research problem required.

SCHOOL OF FORESTRY

FY. 220.—Introduction to Forestry. 2 credits.

7:00 M T W Th. K 111. SMITH, R. B.

A basic course designed to acquaint the student with the various phases and fundamental underlying principles of the field of Forestry.

FY. 221.—Summer Camp. 5 credits.

Field. MILLER, J. W., RALSTON, C. W., DICKINSON, J. E., and WILLINGHAM, J. W.

Summer camp work covers the entire field of Forestry. Students are given practical work in surveying, cruising, silviculture, mensuration, and forest management work. NOTE: Students registering for FY. 221 will also register for FY. 318 or three credits in FY. 431.

FY. 226.—Dendrology of Angiosperms. 3 credits.

9:00 M T W Th. 1:00 to 4:00 M W. K 215. SMITH, R. B.

The botany of the angiosperms of the United States, silvical characterization including general range and local occurrence. Field identification.

FY. 318.—Forest Utilization and Products. 3 hours. 3 credits. Note: This course will be given in conjunction with FY. 221. Only students in summer camp will be allowed to register for FY. 318.

Field. MILLER, J. W.

Rough forest products, poles, piling, logs, cross-ties, posts, pulpwood, mine timbers, boxes and crates, cooperage, furniture and flooring, veneer and plywood, naval stores industry-field operations, turpentine still and products.

FY. 431.—Forest Problems Seminar. Variable credit.*

To arrange. STAFF.

Designed to cover particular fields of Forestry, to be determined by the staff. The work will be made to supplement the student's training during previous semesters.

* Credit assigned must be shown on registration blank.

FRENCH

FH. 33.—**First-Year French.** 3 credits. The first half of the course FH. 33-34.
8:00 daily. AN 9. KURTH, A. L.

FH. 34.—**First-Year French.** 3 credits. The second half of the course FH. 33-34.
10:00 daily. AN 4. CAPRETZ, P. J.

FH. 201.—**Second-Year French.** 3 credits. The first half of the course FH. 201-202. Prerequisite: one year of college French, or two years of high school French.
9:00 daily. AN 6. CAPRETZ, P. J.

FH. 202.—**Second-Year French.** 3 credits. The second half of the course FH. 201-202.
11:00 daily. AN 18. KURTH, A. L.

FH. 430.—**Individual Work.** 3 credits. By means of this course a student may study for credit any 400 course not currently scheduled. Conferences, readings and reports.
To arrange. AN 111. KURTH, A. L.

GRADUATE COURSE

FH. 530.—**Individual Work.** 3 credits. By means of this course a student may study for credit any 500 course not currently scheduled. Conferences, readings and reports.
To arrange AN 111. KURTH, A. L.

GENERAL SCIENCE

GL. 301.—**Children's Science.** 3 credits.
1:00-3:00 M T Th F and 2 hours to arrange. YN 222.
Employment of scientific methods and materials in the teaching of general science for the modern elementary school.

GEOGRAPHY

GPY. 317.—**Principles of Global Geography.** 6 hours. 3 credits.
10:00 daily. B 114. DUNKLE, J. R.
Complementing GPY. 315, it stresses the influence of physical and economic environment upon man's cultural and political history; the distribution of cultural elements including race, languages and religions and their relation to world social and political patterns. Opportunity given to study geographic topics related to school curricula.

GPY. 382.—**Principles of Resource Utilization.** (Identical with ES. 382.) 6 hours. 3 credits.
9:00 daily. B 114. DAY, R. L.
A comprehensive review of the natural and human resources of the United States followed by an intensive study of the wise and wasteful practices of exploitation and utilization of these resources. A study of the human and economic significance of the principles of conservation with special reference to the South.

GPY. 385.—**Economic Geography of South America.** 6 hours. 3 credits.
7:00 daily. B 114. PIERSON, WM. H.
A geographical survey of the continent of South America, organized around the growth of trade, exports and imports, trade by countries, and general business trends; the economic conditions that influence commercial advance or decline; the major geographic regions; their importance in supplying export products and in consuming import commodities.

GPY. 448.—Geography of the South. 6 hours. 3 credits.

11:00 daily. B 114. PIERSON, WM. H.

The natural environment of the South in relations to the cultural, economic, and political conditions of the region, and to the nation as a whole, with special emphasis upon the problems of southern resources and their use; organized mainly on a regional basis.

GPY. 487.—Economic Geography of Europe. 6 hours. 3 credits.

8:00 daily. B 114. DYER, D. R.

The characteristics and distribution of population and of economic activities in Europe as related to the natural resources of the continent; relationships to other parts of the world, especially North America.

GRADUATE COURSE

GPY. 583.—Research Seminar. Prerequisite: Graduate status with a major or minor in geography. 6 hours. 3 credits.

To be arranged. B 114. DYER, D. R.

Research in selected topics. Written report required.

GEOLOGY

GY. 203.—Elements of Physical Geology. 3 credits.

10:00 M T Th F. B 102.

Laboratory: 1:00-3:00 T Th. B 102.

A study of minerals and rocks and their formation, the operation of geological processes, land forms and their interpretation, and the applications of geological knowledge to human affairs, especially in reference to natural resources.

GY. 204.—Elements of Historical Geology. 3 credits.

9:00 M T Th F. B 104.

Laboratory: 1:00-3:00 T Th. B 104.

The geologic history of the earth and its inhabitants. The origin of the earth, the formation of the most ancient rocks, the major physical events and the evolutionary changes in the animal and plant worlds, the present distribution of surface features, economic resources and life.

GY. 401.—Physiography of North America. 3 credits.

8:00 M T Th F. B 102.

Laboratory: 1:00-3:00 M F. B 102.

An analysis and interpretation of the evolution of present-day surface features and the principles for regional classification of the land areas of the earth. A detailed study of the physiographic regions of North America and their significance in the study of geology and geography.

GERMAN

GN. 33.—First-Year German. 3 credits. The first half of the course GN. 33-34. Open to those students who have had no previous work in German.

9:00 daily. AN 9. CRAPS, J. E.

GN. 34.—First-Year German. 3 credits. The second half of the course GN. 33-34.

10:00 daily. AN 6. MAUDERLI, M. O.

GN. 201.—Second-Year German. 3 credits. The first half of the course GN. 201-202. Prerequisite: one year of college German, or two years of high school German.

8:00 daily. AN 6. CRAPS, J. E.

GN. 202.—Second-Year German. 3 credits. The second half of the course GN. 201-202.

11:00 daily. AN 6. MAUDERLI, M. O.

GN. 430.—Individual Work. 3 credits. By means of this course a student may study for credit any 400 course not currently scheduled. Conferences, readings and reports.

To arrange. AN 3-B. STAFF.

GREEK

GK. 430.—Individual Work. 1-3 credits. Prerequisite: permission of the instructor.

To arrange. AN 11. ARATOWSKY, B.

HISTORY

HY. 201.—History of World Civilizations to 1650. 3 credits.

8:00 daily. PE 114. HARRISON, J. A.

A survey of civilizations from prehistoric times to the modern era.

HY. 246.—United States History, 1865 to the Present. 3 credits.

9:00 daily. PE 112. THOMPSON, A. W.

A survey of recent United States history.

HY. 326.—Twentieth Century Europe. 3 credits.

11:00 daily. PE 114. REYNOLDS, J. H.

Europe from World War I to the present.

HY. 352.—Florida History, 1860 to the Present. 3 credits.

8:00 daily. PE 112. DOHERTY, H. J.

A survey of the State within the framework of the Nation.

HY. 372.—Modern Latin-American History (Formerly HY. 364). 3 credits.

11:00 daily. PE 112. McALISTER, L. N.

A survey of Latin America from the wars of independence to the present.

HY. 415.—The Renaissance (Formerly HY. 307). 3 credits.

9:00 daily. PE 114. HAMMOND, E. A.

The historical roots and development of the Renaissance.

HY. 451.—The Old South (Formerly HY. 430). 3 credits.

12:00 daily. PE 112. OSBORN, G. C.

The South to the close of the Civil War.

HY. 472.—Mexico and the Caribbean Area (Formerly HY. 373). 3 credits.

10:00 daily. PE 112. McALISTER, L. W.

An intensive study of Caribbean history from the Colonial period to the present.

HY. 481.—The Far East, Early Modern Period (Formerly HY. 405). 3 credits.

10:00 daily. PE 114. HARRISON, J. A.

The westernization of China, India, and Japan.

GRADUATE COURSES

HY. 500.—Thesis. Variable credit.*

7:00 daily. LI 418. PATRICK, R. W.

Directed research and writing.

---

* Variable. Credit assigned must be shown on the registration blank.

HY. 503.—Introduction to Historical Research (Formerly HY. 506). 3 credits.
8:00 daily. LI 418. DOWD, D. L.
Historical method, bibliography, and historiography.

HY. 525.—Seminar in Modern European History (Formerly HY. 581). 3 credits.
10:00 daily. LI 418. DOWD, D. L.
Directed research on selected topics.

HY. 548.—United States: The Middle Period. 3 credits.
9:00 daily. LI 418. DOTY, F. A.
The United States from 1815 to 1860.

HY. 551.—The Emergence of Modern United States (Formerly HY. 503). 3 credits.
11:00 daily. LI 418. OSBORN, G. C.
The United States from 1877 to 1914.

HORTICULTURE

HE. 201.—Principles of Horticulture. 3 credits. Desirable prerequisite: BTY. 101-102. Required of all horticulture majors.
8:00 M T W Th. FL 209. WOLFE, H. S.
Laboratory: 3:00 to 5:00 M W. FL 209.
The principles underlying home and commercial production of fruits, vegetables and flowers. A course designed both for students not expecting to major in horticulture and as an introductory course for horticulture majors which should be taken in the sophomore year.
Textbook: Schilleter and Richey, *Textbook of General Horticulture.*

HE. 341.—Citrus Growing. 3 credits. Prerequisites: BTY. 101-102 or C-6.
11:00 M T W Th. FL 209. ZIEGLER, L. W.
Laboratory: 1:00 to 3:00 W, 3:00 to 5:00 F. FL 210.
A study of citrus production and methods of culture designed to fill the need of the general student in agriculture. It is not to be taken for credit by citrus majors, but is required of students majoring in Agricultural Education and Agricultural Engineering.
Textbook: Hume, *The Cultivation of Citrus Fruits.*

HE. 403.—Physiology of Fruit Production. 3 credits. Prerequisites: BTY. 211, HE. 201.
10:00 daily. FL 209. STOUT, G. J.
Physiological principles underlying the production of fruit crops.
Textbook: Gardner, Bradford and Hooker, *Fundamentals of Fruit Production.*

HE. 421.—Commercial Truck Crops. 3 credits. (For Vocational Agriculture Teachers.) (June 18 to July 7.) Prerequisites: HE. 312, SLS. 301-302.
8:00 and 10:00 daily. VL. STOUT, G. J.
Laboratory: 1:00 to 5:00 M, 1:00 to 3:00 T W Th F. VL.
Principles and practices involved in the successful production of vegetable crops on a commercial scale. The truck crop industry of the United States is surveyed, and the factors are pointed out which make for the success or failure of this enterprise in various parts of the country. A field trip will be required.
Textbook: Watts and Watts, *The Vegetable Growing Business.*

GRADUATE COURSES

HE. 514.—Advanced Citriculture. 3 credits.
9:00 daily. FL 209. ZIEGLER, L. W.
An advanced course in citrus growing, emphasizing the problems offered by varying sites, soils, climates, stocks and varieties.

HE. 570.—Research in Horticulture. Variable credit.*

To arrange. WOLFE, H. S.

INDUSTRIAL ARTS EDUCATION

IN. 101.—Introduction to Industrial Arts. 3 credits.

8:00-10:00 daily. YN 20. NEUBAUER, G. W.

Woodworking, pattern-making, molding, metal working, plastics, sheet metal, ceramics, household mechanics, concrete construction, automotive mechanics, electricity, and drawing.

IN. 102.—Elementary Woodwork. 3 credits.

10:00-12:00 daily. YN 20. NEUBAUER, G. W.

Projects, shop sketching, wood finishing, the development of abilities to use common tool techniques in hand woodworking, and the acquiring of related information.

IN. 305.—Design and Construction in Woods. 3 credits.

2:00-4:00 daily. YN 20. NEUBAUER, G. W.

Basic principles of design and practice in their application to the design, construction, and finish of original projects in wood.

IN. 415.—Advanced Handicrafts. 3 credits. Prerequisite: IN. 312 or 313.

4:00-6:00 daily. YN 304-B. MEYER, H. K.

Advanced study in the teaching of handicrafts. Emphasis on the use of native and unusual materials and on creative design aspects. A vertical development of a few selected skills.

INDUSTRIAL ENGINEERING

IG. 322.—Plant Development and Operation. 3 credits. Prerequisite: Upper Division Classification.

8:00 daily. EI 331.

For students not majoring in Industrial Engineering. The factors affecting plant location, layout and operation.

IG. 370.—Job Evaluation. 2 credits. Prerequisite: Upper Division Classification.

9:00 M T W Th. EI 319.

Analysis of duties and responsibilities of various jobs and comparison from point of view of difficulty, responsibility, skill, education and working conditions; determination of rates of compensation and proper relation to each other according to the relative value of the job to industry.

IG. 463.—Specifications, Engineering Relations and Industrial Safety. 3 credits. Prerequisite: Senior Classification.

Section 1. 10:00 daily. EI 331.
Section 2. 11:00 daily. EI 331.

Specifications for engineering materials and construction of engineering projects and letting contracts, agreements and contractural relations; organization of safety work in industry; accident causes and legal responsibility of employer and employee; engineering ethics.

IG. 470.—Plant Location and Layout. 4 credits. The second half of the course IG. 469-470. Prerequisites: Senior Classification and IG. 469.

10:00 daily. EI 319.
2:00-5:00 T Th. EI 319.

Budgeting, plant location, machinery and equipment selection; building and service selection; maintenance management; plant layout; materials handling; storekeeping; organization; employee selection and training, merit rating, wage incentive; actual problems are analyzed and solved.

IG. 472.—Human Engineering. 2 credits. Prerequisite: Senior Classification.

9:00 M T W Th. EI 331.

The human factors as they affect production and management problems in industry.

---

* Credit assigned must be shown on registration card.

INTERIOR DESIGN

IR. 301.—Constructional Design I. 3 credits. Prerequisites: AE. 102, AE. 203 and ART 225.

8:00-10:00 daily. E 177.

Vocabulary of architectural terms. Practical limitations in interior design of buildings, materials, lighting, and color. An investigation of types and uses of structural and decorative materials.

IR. 302.—Constructional Design II. 3 credits. Prerequisite: IR. 301.

8:00-10:00 daily. E 177.

A continuation of IR. 301 with special emphasis on problems of domestic interior design. A study of planning, remodelling, materials, and furnishings.

IR. 371.—Interior Design I. 3 credits.

10:00-12:00 daily. E 177.

Elements and principles of interior design. The history of furniture and fabrics as a background for contemporary interior design and present day requirements.

IR. 372.—Interior Design II. 6 credits.

10:00-12:00 daily. 12 hours to arrange. E 177.

The design of domestic interiors. The selection and arrangement of furniture and furnishings.

IR. 471-472-473-474.—Interior Design, Group 1. 3 credits each;—group total, 12 credits. Maximum Summer Session load: 9 credits.

Hours to arrange. E 177.

A continuation of IR. 302 and IR. 372. Emphasis on the construction and design problems of commercial interiors.

IR. 475-476-477-478.—Interior Design, Group 2. 3 credits each;—group total, 12 credits. Maximum Summer Session load: 9 credits.

Hours to arrange. E 177.

A continuation of the work of the series IR. 471, 472, 473, 474. Emphasis on the construction and design problems of institutional interiors.

JOURNALISM

JM. 214.—Introduction to Journalism. 2 credits.

7:00 daily. K 103. EMIG, E. J.

A survey designed to acquaint students with professional requirements and opportunities for a career in publishing, editing, reporting and advertising. Recommended for sophomores.

JM. 320.—Agricultural Journalism. 1½ credits. Open only to Agricultural Extension workers, June 18 and July 8.

1:00 daily. K 103. JONES, J. P.

Laboratory: 2:00 to 4:00 M W F. K 103.

A practical course in the fundamentals of presenting news and information to the public about the activities of agricultural and home demonstration workers.

JM. 408.—Public Opinion. 3 credits.

9:00 daily. K 103. EMIG, E. J.

A study of the force of public opinion in modern life; the psychological technique and strategy of directors of public opinion; attitude-measurement; reader-interest surveys; radio-audience and movie-audience measurements; market and consumer analysis; public opinion polls.

JM. 409.—Law of the Press and Radio. 3 credits. Senior standing or permission of instructor.

11:00 daily. K 103. LOWRY, W. L.

How to avoid legal difficulties in journalistic activities, with special attention to provisions of Florida law relating to journalism.

JM. 411.—Public Relations. 3 credits. Senior standing or permission of instructor.

8:00 daily. K 103. LOWRY, W. L.

A study of the relationships between journalistic media and the public, and the principles, methods and means of influencing the public. Public relations programs will be prepared.

JM. 415.—Journalism in Secondary Schools. 3 credits. Prerequisite: Senior standing or permission of instructor.

10:00 daily. K 103. WEIMER, R. O.

A course designed primarily for teachers of journalism in secondary schools. Deals with problems, practice and techniques in handling school newspapers, magazines or yearbooks.

GRADUATE COURSE

JM. 507.—Reader and Listener Interest. 3 hours. 3 credits.

Research in methods of opinion-polling; attitude measurement; reader-interest surveys; radio-audience measurement; market and consumer analysis; and advertising copy testing.

LANDSCAPE ARCHITECTURE*

LAE. 301-302-303-304.—Projects in Landscape Architecture, Group 1. 3 credits each;—group total, 12 credits. Maximum Summer Session load: 9 credits. Prerequisite: Completion of Lower Division program in Landscape Architecture or equivalent. Corequisite: HE. 429.

Hours to arrange. E 180.

LAE. 311-312-313-314.—Projects in Landscape Architecture, Group 2. 3 credits each;—group total, 12 credits. Maximum Summer Session load: 9 credits. Corequisite: HE. 430.

Hours to arrange. E 180.

LAE.—401-402-403-404.—Projects in Landscape Architecture, Group 3. 3 credits each;—group total, 12 credits. Maximum Summer Session load: 9 credits.

Hours to arrange. E 180.

LAE. 411-412-413-414.—Projects in Landscape Architecture, Group 4. 3 credits each;—group total, 12 credits. Maximum Summer Session load: 9 credits.

Hours to arrange. E 180.

LATIN

LN. 105.—The Latin Element in English. 2 credits. Study of Latin words in all varieties of current English, including scientific vocabularies.

8:00 M T W Th. AN 4. ARATOWSKY, B.

LN. 201.—Second-Year Latin. 3 credits. The first half of the course LN. 201-202. Prerequisite: one year of college Latin or two years of high school Latin or the equivalent.

9:00 daily. AN 11. ARATOWSKY, B.

LN. 430.—Individual Work. 3 credits. By means of this course a student may study for credit any 400 course not currently scheduled. Conferences, readings and reports.

To arrange. AN 11. ARATOWSKY, B.

* For detailed course description refer to the University *Catalog*.

LIBRARY SCIENCE

LY. 304.—Organization of Library Materials. 3 credits.

9:00 daily. To arrange.

An introduction to cataloging and classification.

MATHEMATICS

MS. 105.—Basic Mathematics. 4 credits. The first half of the course MS. 105-106. Prerequisite: C-42, except for the superior group in mathematics.

Section 1. 7:00 daily and 1:00 M W. WA 211.
Section 2. 8:00 daily and 1:00 T Th. WA 211.
Section 3. 9:00 daily and 2:00 M W. PE 2.
Section 4. 10:00 daily and 2:00 T Th. PE 2.

MS. 105-106: In place of the traditional college algebra, trigonometry, and analytic geometry in succession, this course offers a sequence of topics including much of the above plus some calculus. Thus the student will obtain early a working knowledge of such mathematics as is basic to the study of the sciences and other subjects.

MS. 106.—Basic Mathematics. 4 credits. The second half of the course MS. 105-106.

Section 1. 9:00 daily and 2:00 M W. WA 211.
Section 2. 10:00 daily and 2:00 M W. PE 101.
Section 3. 11:00 daily and 2:00 T Th. PE 11.

MS. 208.—Business Mathematics. 3 credits. Prerequisite: C-42 or its equivalent.

Section 1. 8:00 daily. PE 2.
Section 2. 9:00 daily. PE 101.
Section 3. 10:00 daily. PE 102.
Section 4. 11:00 daily. WA 209.

Arithmetical, and some algebraic, treatment of the mathematical problems involved in business. Simple interest, simple, bank, and trade discounts, promissory notes, drafts, compound interest and related problems, partial payment, annuities, amortization, and other topics of the mathematics of business are treated. Not open to students who have had MS. 308, and not counted toward a mathematics major.

MS. 225.—Arithmetic for Teachers. 3 credits. Prerequisite: C-42, or special permission of instructor.

Section 1. 8:00 daily. PE 101.
Section 2. 11:00 daily. PE 101.

Treatment of fundamental notions of arithmetic with certain advanced ideas designed to throw light upon the beginning processes. Intended not only for teachers of arithmetic but also for teachers of any science in which familiarity with number processes is desirable. Not open to students who have completed more than two semesters of college mathematics, except by special permission of instructor.

MS. 226.—Algebra for Teachers. 3 credits. Prerequisite: C-42, or equivalent.

7:00 daily. PE 11.

Continuation of the material of high school algebra, with additional work in each subject treated. Intended primarily for prospective secondary school algebra teachers. Not counted toward a mathematics major.

MS. 308.—Mathematics of Finance. 3 credits. Prerequisite: C-42 or equivalent.

10:00 daily. WA 211.

An algebraic treatment of practical financial problems. Compound interest, annuities, bonds and contracts, depreciation and depletion, sinking funds and amortization of debts, and life insurance mathematics are studied. Somewhat more advanced and more theoretical than MS. 208. Not open to students who have had MS. 208.

MS. 310.—Statistical Methods. 3 credits. Prerequisite: Permission of instructor.

9:00 daily. WA 213.

Presents the bases back of the various procedures as well as practical computational methods, but avoids mathematical derivations. Regression surfaces; method of least square; partial, multiple and other correlation; elementary sampling theory; reliability of statistical measures; Chi-square tests; "student's distribution"; analysis of variance; advanced graphical techniques.

MS. 311.—Advanced College Algebra. 3 credits. Prerequisite: MS. 105-106, or equivalent.

9:00 daily. PE 11.

Further treatment of such topcis as progressions, theory of quadratic equations, permutations, combinations, probability, induction, binomial theorem, series, undetermined coefficients. Variable to prospective algebra teachers, actuarial students, and others interested in further algebraic technique.

MS. 320.—Theory of Equations. 3 credits. Prerequisite: MS. 105-106, or equivalent.

11:00 daily. WA 207.

Theorems and methods of solution relating to equations of higher degree. Approximate solutions of numerical equations. Determinants and their properties. Systems of linear equations. Symmetric functions.

MS. 325.—Advanced General Mathematics. 3 credits. Prerequisite: Permission of instructor.

11:00 daily. WA 213.

Continuation of the arithmetic and algebraic topics treated in C-42 together with some supplementary material. The deeper meaning of laws underlying number operations. Some properties of positive whole numbers. Equations of various types classified and general solutions given. Higher functional analysis. Valuable to prospective teachers of mathematics and others who wish to continue some mathematical work without becoming specialists in pure mathematics.

MS. 326.—Advanced General Mathematics. 3 credits. Prerequisite: Permission of instructor. May precede, follow, or be taken simultaneously with MS. 325.

7:00 daily. PE 101.

Review of the facts and processes of elementary Euclidean geometry, with the study of numerous generalizations of theorems and the manner in which geometry, algebra, trigonometry, and analytic geometry are related. The nature of proof. Types of proof. Problems in geometric constructions. Inequalities. The locus idea treated both synthetically and analytically. Valuable to prospective teachers of high school mathematics and to other students majoring in mathematics.

MS. 353.—Differential Calculus. 4 credits. The first half of the course MS. 353-354. Prerequisite: MS. 105-106 or equivalent.

Section 1. 7:00 daily and 1:00 M W. PE 102.
Section 2. 8:00 daily and 1:00 M W. WA 209.
Section 3. 9:00 daily and 1:00 T Th. PE 10.
Section 4. 10:00 daily and 2:00 T Th. PE 10.

MS. 353-354: Differentiation and integration. Typical problems solved by these methods are calculation of rates of change, computation of areas, volumes, moments of inertia, energy, power and many others. Various advanced topics of special value to engineers and scientists.

MS. 354.—Integral Calculus. 4 credits. The second half of the course MS. 353-354.

Section 1. 9:00 daily and 1:00 T Th. WA 209.
Section 2. 10:00 daily and 2:00 T Th. WA 209.
Section 3. 11:00 daily and 2:00 M W. PE 10.

MS. 355.—Intermediate Calculus. 3 credits. Prerequisite: MS. 353-354 or equivalent.

8:00 daily. PE 4.

This course is designed to bridge the gap between the first course in calculus and graduate courses. It covers hyperbolic functions, additional methods of integration, and some topics in solid analytic geometry with emphasis on partial differentiation and multiple integration. It completes and supplements MS. 353-354.

MS. 385.—Advanced Trigonometry. 3 credits. Prerequisite: Plane trigonometry and solid geometry, or MS. 105-106.

10:00 daily. WA 213.

Special emphasis on spherical trigonometry. The first part of the course consists of a recapitulation of the essentials of plane trigonometry and the development of some further topics in that field. Then follows a development of the formulas relating to triangles formed by great circles on a sphere.

MS. 402.—Solid Analytic Geometry. 3 credits. Prerequisite: Permission of instructor.

9:00 daily. WA 207.

An introductory course dealing with lines, planes, surfaces, transformations of coordinates, the general equation of the second degree and properties of quadrics.

MS. 411.—Survey of Modern Algebra. 3 credits. Prerequisite: MS. 105-106, or equivalent.

10:00 daily. PE 11.

An introduction to the simpler concepts of higher algebra. Number system, number theory, groups, rings, ideals, integral domains, fields, matrices, etc. Background for further study of modern high algebra.

MS. 420.—Differential Equations. 3 credits. Prerequisite: MS. 353-354.

Section 1. 7:00 daily. PE 10.
Section 2. 11:00 daily. PE 102.

The classification, solution and application of various equations which contain expressions involving not only variables, but also the derivatives of these variables.

MS. 421.—Higher Mathematics for Engineers and Physicists. 3 credits. Prerequisite: MS. 420.

8:00 daily. PE 11.

Introduces the student to various mathematical fields.

MS. 431.—College Geometry. 3 credits.

7:00 daily. WA 207.

The use of elementary methods in the advanced study of the triangle and circle. Special emphasis on solving original exercises.

GRADUATE COURSES

MS. 502.—Vector Analysis. 3 credits.

8:00 daily. WA 213.

The algebra and calculus of vectors in two and three dimensions. Applications to problems in physics and engineering.

MS. 519.—Theory of Probability and Theory of Sampling. 3 credits.

7:00 daily. WA 213.

Theory of probability. Frequency distributions. Normal and other frequency curves. Inverse probability. Method of least squares. Measures of reliability. Theory of sampling. Theory of small sample.

MS. 524.—Synthetic Projective Geometry. 3 credits.

9:00 daily. PE 102.

Pure geometry dealing primarily with properties unaltered by the processes of projection and section; principal theorems involved; theory of poles, polars, involution and kindred topics.

MS. 540.—Fourier Series. 3 credits.

10:00 daily. WA 207.

The application of trigonometric series to the solution of boundary value problems of mathematical physics. Solutions are obtained to partial differential equations relating to the flow of heat, conduction of electricity and vibrating strings.

MS. 551.—Advanced Topics in Calculus. 3 credits. The first half of the course MS. 551-552.

11:00 daily. WA 211.

MS. 551-552: Topics of advanced nature selected from the calculus, including partial differentiation, Taylor's theorem, infinite series, continuation of simple multiple integrals, line and surface integrals, Green's theorem, etc.

MS. 552.—Advanced Topics in Calculus. 3 credits. The second half of the course MS. 551-552.

7:00 daily. WA 209.

MS. 559.—Functions of Real Variables. 3 credits. The first half of the course MS. 559-560.

11:00 daily. PE 2.

MS. 559-560: The real number system; theory of point sets; rigorous investigation of many questions arising in the calculus; Lebesque integral; infinite series.

MS. 568.—History of Elementary Mathematics. 3 credits.

8:00 daily. WA 207.

A survey of the development of mathematics through the calculus, with special emphasis on the changes of the processes of operations and methods of teaching. No specific text is followed, but numerous works are used as reference.

MS. 590.—Individual Work. Variable credit.

To be arranged.

Study of research literature, work on theses, reports on special topics, and solutions of selected problems.

MECHANICAL ENGINEERING

ML. 181.—Engineering Drawing. 2 credits. Corequisite: MS. 105.

Section 1. 8:00-10:00 M T Th F. EI 515. FRASH, E. S.
Section 2. 10:00-12:00 M T Th F. EI 515. JACUNSKI, E. W.

Designed to teach the student how to make and read engineering drawings.

ML. 182.—Descriptive Geometry. 2 credits. Prerequisite: ML. 181.

Section 1. 8:00-10:00 M T Th F. EI 516. JACUNSKI, E. W.
Section 2. 10:00-12:00 M T Th F. EI 516. FRASH, E. S.

The principles of projection and the development of surfaces.

ML. 282.—Mechanism and Kinematics. 3 credits. Prerequisite: ML. 182. Corequisites: PS. 205, MS. 353.

9:00 M T W Th. EI 512.
1:00-4:00 T Th. EI 526.

Revolving and oscillating bodies, link work, belts, pulleys, gears, and cams; trains of mechanisms and the velocity and directional ratio of moving parts.

ML. 384.—Metallography and Heat Treatment. 3 credits. Prerequisite: CG. 361.

9:00 M T Th F. EI 521. TIFFIN, W. T.
1:00-4:00 T Th. EI 550. TIFFIN, W. T.

The crystal structure of ferrous and non-ferrous metals and their alloys; the iron-carbide diagram, heat treatment, and use of steel and cast iron.

ML. 385.—Thermodynamics. 3 credits. Prerequisites: MS. 354, PS. 206, CY. 106.

8:00 daily. EI 512.

Energy equations and availability of energy; gases, vapors, and mixtures; engineering applications in flow of fluids, vapor power cycles, gas compression and refrigeration.

ML. 386.—Power Engineering. 3 credits. Prerequisite: ML. 385.

10:00 daily. EI 521. REMP, G. E.

Steam and Diesel engine power plants and their auxiliary equipment.

ML. 387.—Mechanical Laboratory. 1 credit. Corequisite: ML. 385.

1:00-5:00 M W. WA 103.

The preparation of engineering reports, computation aids, the measurement of area, time, speed, pressure, temperature and gas flow. Laboratory instructions.

ML. 388.—Mechanical Laboratory. 1 credit. Corequisite: ML. 386.

1:00-5:00 T Th. WA 103.

Analysis of fuels, heating value, flue gas analysis, and testing of boilers, turbines, engines and steam plant auxiliary apparatus. Laboratory instructions.

ML. 489.—Manufacturing Operations. 3 credits. The first half of the course ML. 489-490. Prerequisite: EM. 366 or Corequisite: EM. 367.

11:00 M T W Th. EI 521.
1:00-4:00 M W. F 103.

Machinery, materials, and processes used in manufacturing. Subjects covered include: inspection gages and instruments, gage design and application, jigs and fixtures design and application, and production using machine tools and application of handbook data.

ML. 491.—Machine Design. 4 credits. Prerequisites: ML. 281, EM. 366, EM. 367.
8:00 daily. EI 521. BOURKE, N.
1:00-4:00 T Th. EI 522.

Stress analysis of machine elements, design procedure, design of machine elements, design of a simple machine.

METEOROLOGY

MTY. 101.—General Meteorology. 3 hours, and 3 hours laboratory. 4 credits. Prerequisite: C-21.
10:00 daily. BN 303. PURDY, D. R.
1:00-4:00 T Th. BN 303.

A brief descriptive course presenting in an elementary manner the basic principles of modern meteorology, and designed to give the student insight into the physical processes underlying the phenomena of weather and climate. It is to satisfy the interested curiosity of the general student as well as to furnish a background useful to the practicing amateur weatherman. May not be taken for credit by students majoring in meteorology.

MILITARY SCIENCE

MY. 101.—First Year Basic. 1 credit.
(Register for one section only.)
Section 1. 7:00 M T W Th. MI 6.
Section 2. 8:00 M T W Th. MI 6.
Section 3. 9:00 M T W Th. MI 6.

MY. 102.—First Year Basic. 1 credit.
9:00 M T W Th. MI 7.

MY. 207.—Second Year Basic, Air Force. 1 credit.
(Register for one section only.)
Section 1. 7:00 M T W Th. MI 2.
Section 2. 8:00 M T W Th. MI 2.
Section 3. 9:00 M T W Th. MI 2.

MY. 208.—Second Year Basic, Air Force. 1 credit.
7:00 M T W Th. MI 7.

MY. 307.—First Year Advanced—Air Force—Administration and Logistics. 2 credits.
(Register for one section only.)
Section 1. 7:00 daily. MI 3.
Section 2. 8:00 daily. MI 3.

MY. 308.—First Year Advanced—Air Force—Administration and Logistics. 2 credits.
7:00 daily. MI 1.

MY. 309.—First Year Advanced—Air Force (Communications). 2 credits.
8:00 daily. MI 1.

MY. 311.—First Year Advanced—Air Force (Armament). 2 credits.
8:00 daily. MI 7.

MY. 407.—Second Year Advanced—Air Force (General Administration). 2 credits.
To arrange.

MY. 408.—Second Year Advanced—Air Force (General Administration). 2 credits.
To arrange.

MY. 409.—Second Year Advanced—Air Force (Communications). 2 credits.
To arrange.

MY. 410.—Second Year Advanced—Air Force (Communications). 2 credits.
To arrange.

MY. 411.—Second Year Advanced—Air Force (Armament). 2 credits.
To arrange.

MY. 412.—Second Year Advanced—Air Force (Armament). 2 credits.
To arrange.

MY. Drill—All Sections.
5:00-6:45 W. Field.

MUSIC

*MSC. 21.—Piano. 1 credit.
DANBURG, R. L., GOLZ, W. A.

*MSC. 25.—Voice. 1 credit.
LUPKIEWICZ, J., STERRETT, D. E.

*MSC. 27.—Stringed Instruments. 1 credit.
PREODOR, E., WIRTALA, A. E.

*MSC. 35.—Woodwind Instruments. 1 credit.
WIRTALA, A. E.

*MSC. 43.—Brass Instruments. 1 credit.
POOLE, R.

*MSC. 51.—Percussion Instruments. 1 credit.
POOLE, R.

MSC. 100.—Fundamentals of Music. 3 credits.
7:00 daily. R 202. GOLZ, W. A.
The study of the components of Music.

MSC. 101.—Theory of Music. 3 credits.
8:00 daily. R 202. WIRTALA, A. E.
The study of rhythms, intervals, motifs, phrases, melodies, chords, and chord progressions through listening, reading, playing, singing, and writing.

MSC. 162.—Introduction to Music Education. 2 credits.
11:00 M T Th F. R 201. PAUL, O. F.
An overview of the nature and scope of music education in elementary and secondary schools with special reference to conditions in Florida.

MSC. 170.—University Orchestra. 1 credit.
7:30 P.M. M. 4:00 Th. R 144. PREODOR, E.
The study of standard orchestra literature.

---

* Students registering for Applied Music will be assigned instructor, time and place of meeting at the Music registration desk.

MSC. 171.—Choral Union. 1 credit.
3:00 M T W Th F. R 122. LUPKIEWICZ, J.
The study and performance of large choral works. A mixed chorus.

MSC. 174.—University Band. 1 credit.
4:00 M T W F. R 144. POOLE, R.
The study and performance of standard band literature.

MSC. 260.—Music Education in the Elementary School. 3 credits.
9:00 daily. R 201. PAUL, O. F.
Fundamental principles and procedures of teaching music in the elementary schools.

MSC. 310.—Music Appreciation. 2 credits.
9:00 M T Th F. R 202. DANBURG, R. L.
A study through group listening and discussion, to expand the student's understanding of music literature.

MSC. 315.—Latin-American Music. 2 credits.
10:00 M T Th F. R 202. STERRETT, D. E.
Representative works of the leading composers of Latin-America. Emphasis is placed on appreciation and understanding rather than on formal analysis.

MSC. 360.—Music Education in the Secondary School. 3 credits.
10:00 daily. R 201. PAUL, O. F.
A study of the fundamental principles and procedures of teaching music in the junior and senior high schools.

MSC. 361.—Choral Materials Laboratory. 3 credits.
11:00 daily. R 114. LUPKIEWICZ, J.
The study and performance of the repertoire used in secondary school choral organizations.

MSC. 362.—Orchestra Materials Laboratory. 3 credits.
9:00 daily. R 133. PREODOR, E.
The study and performance of the repertoire used in secondary school orchestras.

MSC. 460.—Band Materials Laboratory. 3 credits.
8:00 daily. R 144. POOLE, R.
The study and performance of the repertoire used in secondary school bands.

PAINTING AND DRAWING*

PG. 311.—Freehand Drawing. 3 credits.
10:00-12:00 daily. C 101.
Studies will be made from the model relating the structure of the human figure to its movement.

PG. 351.—Landscape and Figure Painting I. 3 credits.
10:00-12:00 daily. C 101.
Pictorial organization in terms of nature.

PG. 413.—Freehand Drawing II. 3 credits.
10:00-12:00 daily. C 101.
Interpreting gestures, weights, and contours of the human head and figure.

PG. 453.—Figure and Portrait Painting. 6 credits.
10:00-12:00 daily. C 101.
12 hours to arrange.
Work from the model with stresa on pictorial organization.

---

* For detailed course description refer to the University *Catalog*.

PHARMACOGNOSY

PGY. 222.—Practical Pharmacognosy. 3 credits. The second half of the course PGY. 221-222.

8:00 M T W Th F S. LE 324. VOSS, E.

Laboratory: 2:00-5:00 T Th. LE 314.

PHARMACOLOGY

PLY. 363.—Applied Physiology. 5 credits. Prerequisite: C-6.

10:00 M T W Th F S. LE 324. BROWN, A. E.

Laboratory: 8:00-10:00 M W F S. LE 314.

PLY. 451.—Principles of Biologicals. 3 credits. Prerequisite: PLY 364.

11:00 M T W Th F S. LE 432. FOX, L. E.

PLY. 456.—New Remedies. 3 credits. The second half of the course PLY. 455-456.

12:00 M T W F. LE 324. GRAMLING, L. G.

Laboratory: 8:00-10:00 T Th. LE 314.

PHARMACY

PHY. 224.—Galenical Pharmacy. 3 credits. The second half of the course PHY. 223-224.

11:00 M T Th F. LE 324. DUCKWORTH, F. A.

Laboratory: 2:00-5:00 M W. LE 306.

PHY. 362.—Prescriptions and Dispensing. 4 credits. The second half of the course PHY. 361-362.

2:00 M T Th F. LE 324. BECKER, C. H.

Laboratory: 3:00-5:00 M T Th F. LE 322.

PHY. 402.—Pharmaceutical Arithmetic. 2 credits.

1:00 M T Th F. LE 324. DUCKWORTH, F. A.

PHY. 432.—Advanced Drug Analysis. 3 credits. Prerequisites: PHY. 353-354; CY. 203-204.

10:00 T Th. LE 432. LAUTER, W. M.

Laboratory: 8:00-11:00 M W F S. LE 322.

GRADUATE COURSE

PHY. 502.—Selected Topics in Pharmacy. 2 credits.

1:00 M T Th F. LE 432. BECKER, C. H.

PHILOSOPHY

PPY. 301.—Ethics. 3 credits.

8:00 daily. AN 104. BARTLETT, G. R.

An inquiry into the basic concepts and principles of moral action through a study of some of the principal systems of ethics.

PPY. 304.—Aesthetics. 3 credits.

10:00 daily. AN 104. OLIVER, J. W.

A systematic investigation of the problems of aesthetic value. Consideration will be given to the work of prominent philosophic aestheticians.

PPY. 409.—Ancient and Medieval Philosophy. 3 credits.
9:00 daily. AN 104. BARTLETT, G. R.

History of philosophy from Greece to the Renaissance.

GRADUATE COURSE

PPY. 570.—Individual Work. Credit to be arranged. Prerequisite: Consent of the head of the department.

To be arranged.

Provision will be made for students who desire to supplement the regular courses by individual reading or investigation under guidance. Students will be helped to plan a definite program, and will meet a member of the departmental staff in frequent conferences.

PHYSICAL EDUCATION, HEALTH AND ATHLETICS

These courses are designed primarily for students planning to teach in the areas of Physical Education, Health Education, or Recreation. Students planning to teach in other areas may register for such courses as are necessary to meet general preparation or elementary school certification requirements. Students not planning to teach may register for any of the courses in this section only upon special permission of the Head of the Department of The Professional Curriculum.

PHA. 131.—Coaching of Football. 3 credits. Open only to men.
8:00-10:00 W. FG 224. CHERRY, H. S.
Laboratory: 8:00-10:00 M T Th F. FG 224.

Theory and practice in the fundamentals of football, including a study of the standards systems of offensive and de.ensive play.

PHA. 141.—Tennis. 1 credit.
11:00-1:00 M W F. FG 214. SCHNELL, H. W.

Theory and practice in tennis with respect to teaching methods, strategy, skills, and the application of rules.

PHA. 142.—Gymnastics and Tumbling I. 1 credit. Open only to men.
11:00-1:00 T Th S. FG 214. HARLAN, W. H.

Theory and practice in gymnastics, tumbling and calisthenics with respect to teaching methods, skills, and the conduct of gymnastic meets.

PHA. 143.—Combat Sports. 1 credit. Open only to men.
1:00-3:00 M W F. FG 222. BRACKEN, A.

Theory and practice in boxing and wrestling with respect to teaching methods, skills, the application of rules, and strategy.

PHA. 144.—Swimming and Water Sports. 1 credit.
11:00-1:00 M W F. FG 206. HARLAN, W. H.

Theory and practice in swimming and water sports with respect to teaching methods, skills, and the conduct of swimming meets.

PHA. 171.—Folk Dancing. 2 credits.
1:00-3:00 M T W Th F. WG. FAULDS, B. B.

Theory and practice in folk, American country, and social dance with respect to teaching methods, skills and calling. For the secondary school teacher or recreation leader.

PHA. 231.—Coaching of Basketball. 3 credits. Open only to men.
8:00-10:00 W. FG 206. McCACHREN, J. R.
Laboratory: 8:00-10:00 M T Th F. FG 206.

Theory and practice in the fundamentals of coaching basketball, including a study of the standard systems of offensive and defensive play.

PHA. 232.—Coaching of Baseball. 3 credits. Open only to men.
10:00-12:00 W. FG Recreation Room. BRACKEN, A.
Laboratory: 10:00-12:00 M T Th F. FG Recreation Room.

Theory and practice in the fundamentals of coaching baseball, including the play of each position, and offensive and defensive strategy.

PHA. 241.—Golf. 1 credit.
11:00-1:00 T Th S. FG 206. REHLING, C.

Theory and practice in golf with respect to teaching methods, skill in the use of the various clubs, the application of the rules, etiquette, and the conduct of matches and tournaments.

PHA. 242.—Recreational Sports. 2 credits.
1:00-3:00 M T W Th F. FG 206. MILLAR, J., McGRIFF, J.

Theory and practice in handball, badminton, archery, horseshoes, bowling, table tennis, and informal games and sports with respect to teaching methods, skills, the application of rules, and strategy.

PHA. 244.—Life Saving and Water Safety. 1 credit. Prerequisite: PHA. 144.
1:00-3:00 M W F. FG Recreation Room. LEE, P. A.

Theory and practice with respect to teaching methods and skills in life saving, boating, and survival swimming.

PHA. 322.—Camp Programs and Counselor Training. 3 credits.
1:00 M T W Th F. FG 210. BOSWELL, J. H.
Laboratory: To arrange.

The training of counselors for organized camping. The growth and significance of the camping movement, the understanding of camp techniques, counselor qualifications, guidance of the camper. The total camping program including camp craft, nature and woods lore, and informal activities useful for rainy day and special occasion programs. Special attention is given to school camping programs.

PHA. 324.—Social Recreation. 3 credits.
Section 1. 11:00 daily. FG 224. MILLAR, J.

Methods, materials and techniques of conducting social recreation programs. Planning and participating in social activities for groups of varying sizes and for different situations. The activities include progressive parties, quiet, and semi-active group games, stunts and contests, social mixers, outing events including hikes and picnics, and activities for special occasions, such as Thanksgiving, Halloween and Christmas.

PHA. 361.—The Elementary School Health Program. 3 credits.
Section 1. 8:00 daily. FG 222. CRAWFORD, W. H.

Principles of developing the health program with procedures for protecting and improving the health of the elementary school child through: home-school-community resources and cooperation; health screening and follow-up; use of school plant and health services; selection and use of health instructional materials, records and reports in providing health experiences at various levels of the elementary school; integration and evaluation of health instruction.

PHA. 363.—Teaching Physical Education in the Secondary School. 3 credits.
Prerequisite: Limited to Upper Division students and permission of the instructor.
9:00 daily. FG 222. McGRIFF, J.

Special methods and materials in the teaching of physical education on the secondary school level as they relate to team games, rhythms, gymnastic activities, individual and dual sports, and co-physical education activities.

PHA. 373.—Teaching Physical Education in the Elementary School. 3 credits.
(Register for one section only.)
Section 1. 8:00-10:00 W. WG. PYE, R. L.
Laboratory: 8:00-10:00 M T Th F. WG.
Section 2. 10:00-12:00 W. WG. PYE, R. L.
Laboratory: 10:00-12:00 M T Th F. WG.

The program of physical education activities for the elementary school including small group play, large group play, directed play, rhythmic activities and team games, together with methods and procedures for conducting such a program.

PHA. 487.—Adapted and Corrective Physical Education. 3 credits.
10:00 daily. FG 206. MAYNARD, Z. M.

Instruction in methods of meeting the physical needs of children with certain physical defects. The problems involved in providing adapted sports programs for those with limited physical capacities. The program of and the techniques for administering special exercises for those recovering from abdominal surgery, amputations, debilitating illnesses, fractures and for those with paralysis, heart disturbances, and posture problems.

PHYSICAL FITNESS AND SPORTS

These courses are open to students who are registered for Required Physical Education during the regular sessions and have a deficiency to make up. Other students desiring to register for instruction in the Physical Fitness and Sports courses may register with the approval of the Department of Required Physical Education.

PL. 101.—Physical Education for men who have had no Physical Education in College.

(Register for one section only.)

Section 1. 1:00-3:00 M W F. FG.
Section 2. 2:00-4:00 M W F. FG.

PL. 102.—Physical Education for men who have had one semester of Physical Education in College.

(Register for one section only.)

Section 1. 1:00-3:00 M W F. FG.
Section 2. 2:00-4:00 M W F. FG.

PL. 103.—Physical Education for men who have had two semesters of Physical Education in College.

(Register for one section only.)

Section 1. 1:00-3:00 M W F. FG.
Section 2. 2:00-4:00 M W F. FG.

PL. 104.—Physical Education for men who have had three semesters of Physical Education in College.

(Register for one section only.)

Section 1. 1:00-3:00 M W F. FG.
Section 2. 2:00-4:00 M W F. FG.

PL. 105.—Physical Education for men who have had four semesters of Physical Education in College.

(Register for one section only.)

Section 1. 1:00-3:00 M W F. FG.
Section 2. 2:00-4:00 M W F. FG.

PL. 106.—Physical Education for men who have had five semesters of Physical Education in College.

(Register for one section only.)

Section 1. 1:00-3:00 M W F. FG.
Section 2. 2:00-4:00 M W F. FG.

PL. 107.—Physical Education for men who have had six semesters of Physical Education in College.

(Register for one section only.)

Section 1. 1:00-3:00 M W F. FG.
Section 2. 2:00-4:00 M W F. FG.

PL. 108.—Physical Education for men who have had seven semesters of Physical Education in College.

(Register for one section only.)

Section 1. 1:00-3:00 M W F. FG.
Section 2. 2:00-4:00 M W F. FG.

PHYSICS

PS. 109.—Problems in Physics. 1 credit. Corequisite: PS. 201.

11:00 M T W Th. BN 201. TELLER, M. H.

To accompany Ps. 201. For those students who do not have the necessary proficiency in mathematics.

PS. 201.—General Physics. 3 credits. The first half of the course PS. 201-202. Prerequisite: C-21 and C-42. Corequisite: PS. 207.

(Register for one Demonstration Section and one Discussion Section.)

Demonstration Section:
Section 1. 11:00 F. BN 203.

Discussion Sections:
Section 11. 8:00 daily. BN 201.
Section 12. 10:00 daily. BN 201.

General physics for science students.

PS. 202.—General Physics. 3 credits. The second half of the course PS. 201-202. Corequisite: PS. 208.

(Register for one Demonstration Section and one Discussion Section.)

Demonstration Section:
Section 1. 11:00 Th. BN 203.

Discussion Sections:
Section 11. 9:00 daily. BN 201.
Section 12. 10:00 daily. BN 208.

PS. 205.—General Physics. 3 credits. The first half of the course PS. 205-206. Prerequisite: MS. 105-106. Corequisite: PS. 207, MS. 353.

(Register for one Demonstration Section and one Discussion Section.)

Demonstration Section:
Section 1. 11:00 F. BN 203.

Discussion Section:
Section 11. 9:00 daily. BN 208.

Theory of mechanics, heat, sound, electricity and light. Primarily for engineering students.

PS. 206.—General Physics. 3 credits. The second half of the course PS. 205-206. Corequisite: PS. 208, MS. 354.

(Register for one Demonstration Section and one Discussion Section.)

Demonstration Section:
Section 1. 11:00 Th. BN 203.

Discussion Section:
Section 11. 8:00 daily. BN 208.

PS. 207.—Laboratory for PS. 201 and 205. 1 credit.
(Register for one section only.)

Section 1. 1:00 M W. BN 304.
Section 2. 1:00 M W. BN 305.
Section 3. 1:00 T Th. BN 304.
Section 4. 1:00 T Th. BN 305.

PS. 208.—Laboratory for PS. 202 and 206. 1 credit.
(Register for one section only.)

Section 1. 1:00 M W. BN 306.
Section 2. 1:00 M W. BN 307.
Section 3. 1:00 T Th. BN 306.
Section 4. 1:00 T Th. BN 307.

PS. 226.—Agricultural Physics. 3 credits. Prerequisite: C-21.
7:00 daily. BN 306. TELLER, M. H.

The subject is confined to the material having direct applications in the field of agriculture. To give the student a working knowledge of the fundamental physical principles which he will encounter in his work in soils, agricultural engineering, plant physiology, and dairying.

PS. 303.—Special Topics. Variable credit. Prerequisite: One year in physics.

PS. 314.—Modern Physics. 3 credits. Prerequisite: One year of general physics.
9:00 daily. BN 209. MILLETT, W. E.

A descriptive course of interest to students wishing to obtain an understanding of the advances in physics and atomic knowledge made during the last few decades. This course is designed primarily for teachers and other students who desire additional work in physics which is less mathematical than the corresponding course required of physics majors.

PS. 424.—Chemical Physics. 3 credits. Prerequisite: PS. 320 and two years of chemistry.
10:00 daily. BN 209. SMITH, A. G.

Molecular dipole moments as determined from dielectric measurements; molecular and nuclear structures as determined from band spectra, Raman spectra, x-ray and electron diffraction, and microwaves.

GRADUATE COURSES

PS. 503.—Kinetic Theory of Gases. 3 credits. Prerequisite: PS. 320.
9:00 daily. BN 209. FLOWERS, J. W.

The elements of the kinetic theory, and applications to gases and liquids, and the electrical and magnetic properties of molecules.

PS. 513.—Special Topics. Variable credit.*

Experiments on particular topics of physics, a review of classical experiments, or the development of an assigned experimental problem. The work will be assigned to meet the needs and interests of the particular student.

PS. 523.—Seminar in Modern Theory. Variable credit.*

Some particular phase of the most recent developments in theoretical physics is taken up in detail.

PLANT PATHOLOGY

Prerequisites to any course in Plant Pathology are Botany 101 and 102.

PT. 321.—Plant Pathology. 3 credits. Prerequisite to courses in Plant Pathology except PT. 325 and PT. 434.
1:00 M W. HT 501.

* Credit assigned must be shown on Registration blank.

Laboratory: 2:00 to 3:00 M W. HT 501.
1:00 to 3:00 T Th F. HT 501. OWEN, J. H.

Plant diseases caused by mechanical injury, environmental factors, parasitic bacteria, fungi and other plants and their economic importance; life cycles and role of parasitic fungi and bacteria; methods of control of plant disease.

PT. 325.—Forest Pathology. 3 credits.

10:00 M W. HT 501.

Laboratory: 11:00 to 12:00 M W. HT 501.
10:00 to 12:00 T Th F. HT 501. WEBER, G. F.

For forestry students. Tree diseases caused by mechanical injury, environmental factors, parasitic bacteria, fungi and other plants; life cycles and role of parasitic fungi and bacteria; the economic importance and control of plant disease.

PT. 424.—Field Crop Diseases. 3 credits.

7:00 M W. HT 501.

Laboratory: 8:00 to 9:00 M W. HT 501.
7:00 to 9:00 T Th F. HT 501. WEBER, G. F.

Characteristics, cause and control of the diseases of the principal farm crops such as corn, cotton, grasses, oats, peanuts, rye, sorghum, sugar cane, tobacco, tung, etc.

GRADUATE COURSES

PT. 506.—Plant Pathology Literature. 1 credit.

To arrange.

The knowledge of existing and available source material, current technical publications dealing with plant diseases and their evaluation as aids in conducting research.

PT. 508.—Plant Disease Collections. 1 credit. Prerequisite: PT. 434. The second half of PT. 507-508.

To arrange.

PT. 509.—Methods in Plant Pathology. 3 credits.

8:00 M W.

Laboratory: 9:00 to 10:00 M W.
8:00 to 10:00 T Th F. OWEN, J. H.

Sanitation, sterilization, handling of microorganisms, production of plant disease, collection and evaluation of data and the technique of selecting and operating technical equipment as working tools for research in plant pathology.

PT. 523.—Advanced Plant Pathology. 3 to 6 credits.*

To arrange.

A study of methods of research in plant pathology, life histories of parasitic organisms in relation to the host plant, environmental factors influencing the development of diseases; all diseases of certain crop plants and specific diseases common to a wide variety of hosts.

POLITICAL SCIENCE

PCL. 301.—American Government and Politics. 3 credits. The first half of the course PCL. 301-302.

8:00 daily. PE 107. MARSHALL, H. R.

A study of the structure and function of the federal government.

PCL. 302.—American Government and Politics. 3 credits. The second half of the course PCL. 301-302.

11:00 daily. PE 107. WOLFF, G. E.

Study of the structure and function of state, county, and local government.

---

* Credit assigned must be shown on registration card.

PCL. 309.—International Relations. 3 credits. The first half of the course PCL. 309-310.

9:00 daily. PE 107. HARTMANN, F. H.

The nature of international relations, nationalism, imperialism, militarism, armaments; history of international relations; foreign policies; function and problems of democracy; international organization; the League of Nations and the World Court.

PCL. 310.—International Relations. 3 credits. The second half of the course PCL. 309-310.

10:00 daily. PE 107. KOEN, R. Y.

PCL. 405.—History of Political Theory. 3 credits. The first half of the course PCL. 405-406.

10:00 daily. PE 202. DIAMANT, A.

A study and analysis of Ancient and Medieval political theories.

PCL. 407.—Comparative Government. 3 credits. The first half of the course PCL. 407-408.

9:00 daily. PE 202. DIAMANT, A.

Governments of England and the British Empire and Commonwealth.

PCL. 411.—Public Administration. 3 credits.

11:00 daily. PE 202. MARSHALL, H. R.

A survey of the scope, nature and trends in the field of governmental management. Study of administrative organization and action, fiscal and personnel management, administrative law and public relations.

GRADUATE COURSES

PCL. 513.—Seminar in Scope and Method. 3 credits.

To arrange. LI 420.

Research methods in political science. Bibilography. Development of political science.

PCL. 525.—Seminar in Public Administration. 3 credits. The first half of the course PCL. 525-526.

To arrange. LI 420. LARSEN, W. F.

A careful study of the methods of research in Public Administration and their application to such major problems in the field as personnel, fiscal organization and planning.

PCL. 528.—Seminar in International Relations and Organization. 3 credits. The second half of the course PCL. 527-528.

To arrange. LI 420. HARTMANN, F. H.

Diplomacy; international diplomatic conferences; the League of Nations and the United Nations; basic problems of international organization.

PSYCHOLOGY

PSY. 201.—General Psychology. 3 credits.

(Register for one section only.)

Section 1.	8:00 daily.	E 102.	NEWMAN, F.
Section 2.	9:00 daily.	PE 205.	NICHOLS, J. W.
Section 3.	10:00 daily.	PE 205.	DOW, A. N.
Section 4.	1:00 daily.	PE 205.	

An elementary treatment of the general topics in the field of psychology. Designed to provide an understanding of human behavior, approached as a natural phenomenon subject to scientific study. The unifying concept of the course is the adaptation of the individual to his physical and social environment.

PSY. 301.—Experimental Psychology. 3 credits.

1:00 M T W Th; 2:00-5:00 M W. E 109. HORNE, E. P.

Elements of scientific method. Adjustment and its organic basis. Experimental studies of sensation, perception, learning.

PSY. 305.—Social Psychology. 3 credits.

11:00 daily. E 102. RETHLINGSHAFER, D.

Influence of the social environment upon the psychological development of the individual. The influence of the individual on social groups.

PSY. 306.—Psychology Applied to Business and Industry. 3 credits.

8:00 daily. PE 205. MARTIN, J. A.

Application of the principles and methods of psychology to appropriate problems in business and industry. Studies in personnel selection, employment, job analysis, effect of conditions and methods of work on productivity. Psychological factors in advertising and selling.

PSY. 309.—Personality Development. 3 credits.

9:00 daily. AD 207. HINCKLEY, E. D.

A study of the mechanisms of personality formation, with special emphasis upon the varieties of human adjustment. The more inevitable problems of human life with their normal and abnormal solutions. The origin and modification of behavior. Processes of motivation and adjustment. Development and measurement of personality traits. Techniques of mental hygiene.

PSY. 311.—Psychological Measurement. 3 credits.

1:00 M T W Th; 2:00-5:00 T Th. E 102. ANDERSON, R. J.

Quantitative methods of experimental psychology; collection and treatment of data; correlation; prediction. Nature of measurement, reliability of tests, and the concept of validity and item analysis.

PSY. 403.—The Measurement of Intelligence. 3 credits. Prerequisite: PSY. 311. May be taken for graduate major credit.

1:00 M T W Th; 2:00-5:00 M W. AD 207. RETHLINGSHAFER, D.

Intensive study of theory, principles and methods of measuring mental abilities. Critical analysis of current mental testa with laboratory practice in administration and interpretation.

PSY. 410.—Abnormal Psychology. 3 credits.

11:00 daily. PE 205. DURRANCE, J. R.

A study of the principal abnormal phases of behavior, and the ways by means of which the individual develops abnormal habits of thinking and acting. A survey of the signs of beginning maladjustment and procedures which may be followed to correct these tendencies. Special attention is given to the prevention and treatment of mental disease.

PSY. 417.—Methods in Clinical Psychology. 3 credits. Prerequisites: PSY. 403, 410. May be taken for graduate major credit.

11:00 daily. AD 207. DIXON, J. C.

A survey of the basic concepts, methods, and procedures used in evaluating human personality, abilities, and behavior disorders. Case studies will be analyzed. Techniques of guidance and mental hygiene will be considered.

GRADUATE COURSES

PSY. 502.—Readings in Experimental Psychology. 3 credits.

2:00-5:00 T Th. E 109. HORNE, E. P.

PSY. 513.—Specific Clinical Patterns. 3 credits. Prerequisites: PSY. 312 and 417.

9:00 daily. E 102. DIXON, J. C.

Origins, differential development, clinical recognition and therapeutic indications for common syndromes of maladjustment in children.

PSY. 525.—Research. 3 credits. Prerequisite: Status as a graduate student with a major in psychology.

To arrange.

REAL ESTATE

RE. 291.—Real Estate Fundamentals. 3 credits.
9:00 daily. I 102. JOHNSON, M.

A survey of the real estate field with emphasis on the essentials that concern the consumer. The aim is to develop a full understanding of the significance of realty as a commodity and to equip the student with the fundamentals essential to successful home ownership. Classroom lectures and problems are further designed to provide a qualifying background for those seeking further training in real estate law, brokerage, management, appraising and real estate finance.

RE. 295.—Housing and Home Ownership. 3 credits.
8:00 daily. I 102. CASE, F. E.

Concerned with the consumption of real estate and the economic, legal and technical aspects of housing from the point of view of the home owner. Stress is laid on the evolution and limitations of property rights, the role of government in the field of housing, principles of home ownership, home construction and design, and the vital problem of when and how to buy a home.

RE. 391.—Property Management. 3 credits.
10:00 daily. I 102. KAHN, S. A.

Management of real properties as part of the real estate business; principles, management and organization; collections, expenditures and services; physical care of the property; records; agent's relation with tenant.

RE. 393.—Urban Land Utilization. 3 credits.
7:00 daily. I 102. JOHNSON, M.

Land and population; economics of land utilization; urbanization and urban land; manufacturing as an urbanizing factor; labor as a factor; transportation and commerce in city location and urbanization.

RE. 492.—Real Estate Finance. 3 credits.
9:00 daily. I 105. CASE, F. E.

Functions of real estate finances, the loan contract; the mortgage market; elements of mortgage risk; loan policy and administration of loans; analysis of current mortgage market conditions.

RE. 493.—Real Estate Law. 3 credits.
11:00 daily. I 102. CHACE, J. E.

Necessity of learning when to consult a lawyer; fixtures; easements; land descriptions; land titles and interests; deeds; mortgages; foreclosures; landlord and tenant; taxes and assessments; avoidance of "unauthorized practice of law."

GRADUATE COURSE

RE. 593.—Research in Real Estate Brokerage. 3 credits.
2:00-5:00 T Th. LI 417. CHACE, J. E.

A critical study of selected methods and practices of real estate brokerage.

RELIGION

RN. 342.—The Career and Significance of Jesus. 3 credits.
8:00 daily. I 204. PHILPOTT, H. M.

RN. 351.—Comparative Religion. 3 credits.
10:00 daily. I 204. PHILPOTT, H. M.

SCHOOL ART

SCA. 253.—General Art for the Elementary Grades. 3 credits.
2:00-4:00 M W F. YN Art Shop. MITCHELL, J. O.

General survey and practice in all types of art work for grades one through six. This course satisfies the requirement for certification in the Elementary School course.

SCA. 333.—Planning the Art Curriculum for Grades One through Six. 3 credits.
10:00 daily. YN Art Shop.

A study of valuable types of school art expression based on child development and needs at each age level; experiences with various art media.

SCA. 334.—School Art Design. 3 credits.
8:00 daily. YN Art Shop. MITCHELL, J. O.

To help teachers (a) to understand design as manifested in the art work of children, (b) to understand the evolution of design in crafts, in graphic art work, and in structural design, (c) to work out design problems in each of these fields.

SOCIAL STUDIES

SCL. 205.—Children and Culture. 3 credits.
7:00 daily. YN 222. BLACK, J. H.

A study of effects upon children of the social, economic, geographic, and other circumstances of community life. Field trips supplement classroom study.

SCL. 206.—Children and Culture. 3 credits. The second half of SCL. 205-206.
8:00 daily. YN 222. BLACK, J. H.

SCL. 301.—Children's Social Studies. 3 credits.
11:00 daily. YN 222.

Ways and means of guiding children to improved social living; sources of materials and examples of superior practice examined.

SOCIOLOGY

SY. 241.—Sociological Foundations of Modern Life. 3 credits.
11:00 daily. PE 309. BURRUS, J. N.

Culture and its relations to specific social problems. The social institutions of American life today in relation to population changes, ethnic groups, and major problems of social policy. The social consequences of technological change. Techniques of social control in the metropolitan world.

SY. 316.—The Field of Social Work. 3 credits.
8:00 daily. PE 308. ATCHLEY, M. H.

Administrative and promotional social work. Public social work agencies, with especial attention to the Federal Security Agency and its subdivisions. Casework techniques, the range of duties of social workers in public and private agencies. Field visits to and studies of welfare agencies in Florida.

SY. 324.—Criminology. 3 credits.
9:00 daily. LE AU. VEDDER, C. B.

Nature and causes of crime. Punishment, treatment and prevention of criminality. Sociological aspects of criminal law and procedure. Emphasis on current trends in criminality and its treatment.

SY. 344.—Marriage and the Family. 3 credits.
12:00 daily. LE AU. EHRMANN, W. W.

Forms of marriage and the family. Sex developmental differentiations. Sex education. Social relationships between men and women. Preparation for marriage. Legal and social factors affecting marital adjustment.

SY. 421.—Rural Sociology. 3 credits.
10:00 daily. PE 309. BURRUS, J. N.

American rural life in the changing regions. Trends in rural social resources and problems in the United States, the Southeast, Florida.

SY. 425.—Juvenile Delinquency. 3 credits.
9:00 daily. PE 308. ATCHLEY, M. H.

Social determinants of delinquency. Methods of detention, probation and parole, court administration. Designed for teachers, social workers, and others concerned with the practical problems of delinquency.

SY. 430.—Individual Work. 3 credits.

To arrange. STAFF.

Designed to permit advanced students to do work not available to them in currently offered courses.

SY. 490.—The South Today. 3 credits.

10:00 M T W Th F. PE 308. MACLACHLAN, J. M.

This course will be completed during the first six weeks of the Summer Session. Social resources and challenges in the modern Southeast. Variant patterns of southern culture. Population pressures and trends. The major problems of southern social institutions. Programs and plans for the region.

GRADUATE COURSES

SY. 545.—Seminar: Marriage and the Family. 3 credits.

8:00 M T W Th F. PE 309. EHRMANN, W. W.

This course will be completed during the first six weeks of the Summer Session. A critical analysis of the classical systematic treatises and of the more significant research studies in the field. Construction and completion of short research projects by the student.

SY. 560.—Special Topics. 3 credits.

To arrange. MACLACHLAN, J. M.

Special topics in sociology by arrangement with advisor.

SOILS

SLS. 301.—Soils. 3 credits. Prerequisites: ACY. 125-126 or CY. 101-102.

Lecture 1. 8:00 M T W Th. FL 208. ROTHWELL, D. F.
Lecture 2. 10:00 M T W Th. FL 208. ROTHWELL, D. F.
Laboratories 11. 1:00-3:00 M W. FL 202. ROTHWELL, D. F.
Laboratories 12. 1:00-3:00 T Th. FL 202. ROTHWELL, D. F.
Laboratories 13. 3:00-5:00 W F. FL 202. FORBES, R.

The nature and properties of soils with elementary treatment of genesis, morphology and classification. Soil types and problems in Florida. *The Nature and Properties of Soils,* Lyon and Buckman.

SLS. 302.—Soil Fertility. 3 credits. Prerequisite: SLS. 301.

Lecture 1. 9:00 M T W Th. FL 208. FORBES, R.
Laboratories 11. 3:00-5:00 T Th. FL 202. FORBES, R.
Laboratories 12. 3:00-5:00 W. FL 202. FORBES, R.
1:00-3:00 F. FL 202. FORBES, R.

General principles of soil fertility. The physical, chemical and biological factors affecting soil fertility and crop production. Studies on samples of soil from the home farm; commercial fertilizers, manures, green manures and organic matter maintenance, crop rotation and permanent soil fertility. *Soil Science,* revised, Weir.

SLS. 402.—Advanced Soil Fertility. 3 credits. Prerequisite: SLS. 302.

9:00 M T W Th. FL 102. HAMMOND, L. C.

Laboratory. 1:00-3:00 T Th. FL 103. HAMMOND, L. C.

Soil and plant relationships especially from the standpoint of normal growth under field conditions; interrelationships of chemistry, physics, and microbiology; mineral and organic balance, the rate of trace elements, deficiency symptoms; quality production; fertilizer materials; placement and cultural relationships. *Soil Conditions and Plant Growth,* Russell.

GRADUATE COURSE

SLS. 570.—Research in Soils. 1 to 6 credits.*

To arrange. NE 104. SMITH, F. B., and HAMMOND, L. C.

* Credit assigned must be shown on the registration blank.

SPANISH

SH. 33.—First-Year Spanish. 3 credits. The first half of the course SH. 33-34. Open to students who have had no previous training in Spanish.

7:00 daily. AN 9. TRUJILLO, V.

SH. 34.—First-Year Spanish. 3 credits. The second half of the course SH. 33-34.

10:00 daily. AN 18. HAMILTON, J.

SH. 201.—Second-Year Spanish. 3 credits. The first half of the course SH. 201-202. Prerequisite: one year of college Spanish or two years of high school Spanish.

Section 1. 9:00 AN 18. SABAL, A.
Section 2. 10:00 AN 9. TRUJILLO, V.

SH. 202.—Second-Year Spanish. 3 credits. The second half of the course SH. 201-202.

11:00 daily. AN 9. RAMIREZ, A.

SH. 307.—Survey of Spanish Literature. 3 credits. Prerequisite: SH. 201-202 or the equivalent. Conducted in Spanish.

9:00 daily. AN 4. SANCHEZ-BARBUDO, A.

SH. 400.—Latin-American Literature—El Modernismo. 3 credits. Prerequisite: permission of the instructor.

10:00 daily. AN 7. WERSHOW, I. R.

SH. 423.—The Teaching of Spanish. 3 credits. Prerequisite: three years of college Spanish or the equivalent. Conducted in Spanish.

11:00 daily. AN 4. WERSHOW, I. R.

SH. 430.—Individual Work. 3 credits. By means of this course a student may study for credit any 400 course not currently scheduled. Conferences, readings and reports.

To arrange. AN 3-A. WERSHOW, I. R.

GRADUATE COURSES

SH. 516.—Spanish Essayists of the Nineteenth Century. 3 credits. Conducted in Spanish.

8:00 daily. AN 7. SANCHEZ-BARBUDO, A.

SH. 530.—Individual Work. 3 credits. By means of this course a student may study for credit any 500 course not currently scheduled. Conferences, readings and reports.

To arrange. AN 3.

SPEECH

The Department of Speech maintains a clinic in speech and hearing for children and adults. Any resident of Florida may come to the clinic during the summer for diagnosis and treatment. To make an appointment, report tc Room 339, Administration Bldg.

SCH. 231.—Voice and Diction. 2 credits. Prerequisite: C-3, or consent of in structor.

Section 1. 12:00 T W Th F. AD 206.
Section 2.* 9:00 T W Th F. AD 206.

Group and individual voice improvement.

SCH. 241.—Effective Speaking. 3 credits. Prerequisite: C-3, or consent of the student's dean.

(Register for one section only.)

Section 1. 7:00 daily. AD 206.
Section 2. 8:00 daily. AD 206.
Section 3. 10:00 daily. AD 237.
Section 4. 11:00 daily. AD 237.

Demonstration and practice in effective speaking.

SCH. 301.—Advanced Public Speaking. 3 credits. Prerequisite: SCH. 241.

8:00 daily. AD 357.

Composition and delivery of types of speeches.

SCH. 307.—Interpretation of Literature. 3 credits. Prerequisite or Corequisite: SCH. 241.

9:00 daily. AD 239.

Oral reading of short stories and poetry.

SCH. 309.—Staging and Lighting. 3 credits. Prerequisite: SCH. 250.

1:00-3:00 M T W Th F. AD 238.

Constructing, assembling, painting, and lighting of scenery.

SCH. 311.—Speech Training for the Radio. 3 credits. Prerequisite: SCH. 241 and SCH. 307.

10:00 daily. AD 357.

Study of vocal considerations for all uses of the microphone.

SCH. 315.—Applied Phonetics. 3 credits. Prerequisite: SCH. 241.

10:00 daily. AD 206.

Analysis of the sounds of speech; dialects; foreign languages.

SCH. 323.—Public Service Radio. 3 credits. Prerequisite: SCH. 222, or permission of instructor.

12:00 daily. AD 357.

Public service and educational radio programs.

SCH. 403.—One-Act Play. 3 credits.

11:00 daily. AD 239.

Reading and criticism of the best one-act plays.

SCH. 410.—Scientific Bases of Speech. 3 credits. Prerequisite: SCH. 241, or permission of instructor.

8:00 daily. AD 239.

Scientific material fundamental in understanding the speaking process.

SCH. 418.—Correction of Speech Defects. 3 credits. Prerequisite: SCH. 417, or permission of instructor.

9:00 daily. AD 237.

Diagnostic and corrective procedures in the more complex speech defects.

---

* For foreign students only.

GRADUATE COURSES

SCH. 502.—Plays, Players, and Playwrights. 3 credits.
12:00 daily. AD 239.
The production, acting, and directing problems of recent plays.

SCH. 507.—Classical Rhetoric (Ancient and Medieval). 3 credits.
11:00 daily. AD 206.
History of rhetorical theory; works of classical writers.

SCH. 510.—Scientific Bases of Speech. 3 credits.
8:00 daily. AD 239.
Scientific material fundamental in understanding the speaking process.

SCH. 511.—Seminar in Hearing. 3 credits.
11:00 daily. AD 357.
Normal and abnormal hearing; methods of testing; use of aids.

SCH. 512.—Seminar in Stuttering. 3 credits.
10:00 daily. AD 358.
Theories of the etiology and therapy of stuttering.

SCH. 515.—Applied Phonetics. 3 credits.
10:00 daily. AD 206.
Analysis of the sounds of speech; dialects; foreign languages.

SCH. 518.—Correction of Speech Defects. 3 credits.
9:00 daily. AD 237.
Diagnostic and corrective procedures in the more complex speech defects.

SCH. 520.—Experimental Problems in Speech. 3 credits.
8:00 daily. AD 237.
Students enrolling for this course must have permission of head of department.

SCH. 522.—Clinical Practice. 3 credits.
2:00-4:00 daily. AD 358.
Supervisory practice in clinical methods.

VETERINARY SCIENCE

GRADUATE COURSES

VY. 543.—Problems in Animal Pathology. 1 to 4 credits. Prerequisite: Consult major Professor.
STAFF.

VY. 545.—Problems in Animal Parasitology. 4 to 8 credits. Prerequisites: BLY. 208, 209 and BCY. 301.
STAFF.

The University Record
of the
University of Florida

Schedule of Courses

SPECIAL THREE AND SIX WEEK TERMS

Summer Session

1951

Vol. XLVI *Series 1, No. 5* *May 1, 1951*

Published monthly by the University of Florida, Gainesville, Florida. Entered in the post office in Gainesville, Florida, as second-class matter, under Act of Congress, August 24, 1912

Office of Publication, Gainesville, Florida

The courses listed in this schedule are for special groups, except for a few courses for Agricultural Extension workers (from June 18 to July 7), enrollment is limited to graduate students majoring in Education.

ABBREVIATIONS

The following abbreviations have been used to designate buildings:

A	BUILDING A (Accounting)
AN	ANDERSON HALL
AU	AUDITORIUM
B	BUILDING B (Civil Engineering)
BA	BENTON ANNEX
BN	BENTON HALL
C	BUILDING C (Mechanical Drawing)
CR	CANCER RESEARCH LABORATORY
DL	DAIRY LABORATORY
E	BUILDING E (Classrooms and Laboratories)
F	BUILDING F (Engineering)
FG	FLORIDA GYMNASIUM
FL	FLOYD HALL
FM	FARM MACHINE LABORATORY
GH	GREENHOUSE
GY	GYMNASIUM (OLD)
HT	HORTICULTURE BUILDING
I	BUILDING I (Classrooms)
J	BUILDING J (Classrooms)
K	BUILDING K (Classrooms)
LE	LEIGH HALL
LI	LIBRARY
LW	LAW BUILDING
MI	MILITARY BUILDING
N	BUILDING N (Engineering Class Rooms and Laboratories)
NE	NEWELL HALL
NL	NUTRITION LABORATORY
PE	PEABODY HALL
PO	POULTRY LABORATORY
R	BUILDING R (Music)
RE	REED LABORATORY
SC	SCIENCE HALL
SE	SEAGLE BUILDING
SL	SANITARY LABORATORY
U	BUILDING U (Architecture and Art)
VL	VEGETABLE PROCESSING LABORATORY
WA	WALKER HALL (Engineering Building
WO	WOOD PRODUCTS LABORATORY
YN	YONGE BUILDING

SPECIAL THREE WEEK COURSES

The courses listed in this section are for special groups and run for three weeks only. Enrollment is limited to these special groups as indicated. Students registering for courses listed in this section follow the same admission and registration procedures as other students but are limited to a maximum load of three semester hours.

JUNE 18 TO JULY 7

AGRICULTURAL EXTENSION

GRADUATE COURSE

AXT. 507.—Advanced Agricultural Extension Service Youth Program. 1½ credits. Open only to Agricultural Extension workers.

M W F 10:00 and T Th S 9:00 to 11:00. HAMPSON, C. M.

Advanced training in developing and conducting 4-H Club work. Securing leaders, training leaders and officers, maintaining interest are given special attention.

ANIMAL HUSBANDRY

GRADUATE COURSE

AL. 501.—Advanced Animal Production. 1½ credits. Open only to Agricultural Extension Workers.

Section 2. M W F 8:00 to 10:00 and T Th S 8:00. NE 202. CUNHA and STAFF.

Reviews and discussions on the latest developments in the fields of animal production, nutrition and genetics.

EDUCATION

GRADUATE COURSES

EN. 572.—Preparing Course Materials and Community Programs in Agriculture. 3 credits. Open only to graduate students in Education. Prerequisite: Bachelor's degree in Agricultural Education or equivalent.

9:00-11:00 and 3:00 daily YN 150 GARRIS, E. W.

Each student will prepare a program to suit his particular locality.

EN. 615.—Program and Functions of Teacher Education Institutions. 3 credits. Open only to graduate students in Education.

9.00-12:00 daily. YN 232. HENDERSON, L. N. and WATTENBARGER, J. L.

For the college teacher who expects to serve on the faculty of a teacher education institution. Emphasis on organization, teacher education programs, types of students, patterns of curricula, functions of staff, significant organizations and agencies, and special studies.

JOURNALISM

JM. 320.—Agricultural Journalism. 1½credits. Open only to Agricultural Extension workers.

1:00 daily and 2:00-4:00 M W F. K 103. JONES, J. P.

Fundamentals of presenting news and information to the public about the activities of agricultural and home demonstration workers.

PHYSICAL EDUCATION, HEALTH AND ATHLETICS

PHA. 324.—Social Recreation. 1½ credits. Open only to Agricultural Extension Workers.

Section 2. 11:00 daily and 3 hours to arrange. FG 224. MILLAR, J., and BOSWELL, J. H.

Methods, materials and techniques of conducting social recreation programs. Instruction is given in planning and participating in social activities for groups of varying sizes and for different situations. The activities include progressive parties, quiet, and semi-active group games, stunts and contests, social mixers, outing events including hikes and picnics, and activities for special occasions, such as Thanksgiving, Halloween and Christmas.

JULY 9 TO JULY 28

EN. 482.—Planning for Improved Daily Living. 3 credits. Open only to graduate students in Education.

Section 1. 9:00-12:00 daily. YN 323. INGLE, K. H.

Techniques of using Florida resources in the areas of arts and crafts, architecture, housing, interior decorating, and landscaping. Attention to developing understandings and appreciations of the fine arts, costume design, health practices, human relationships.

GRADUATE COURSES

EN. 580.—Workshop in Economic Education. 3 credits. Open only to graduate students in Education.

9:00-12:00 daily. YN 214. MOORMAN, J. H. and SHIELDS, M. W.

For teachers of social studies, business education and related fields, and for supervisors and administrators. Purposes are: (1) to increase understanding of our national economy by a study of fundamental principles and concepts, (2) to make plans for more and better teaching of economic understandings in the elementary and high schools. The work will be directed jointly by specialists in economics and in education.

EN. 614.—Seminar in Secondary Education. 3 credits. Open only to graduate students in Education.

9:00-12:00 daily. YN 150.

Primarily for majors in secondary education or secondary school administration.

EN. 685.—Seminar in General Education for Colleges. 3 credits. Open only to graduate students in Education.

9:00-12:00 daily. YN 232. HENDERSON, L. N. and WATTENBARGER, J. L.

An advanced course designed to acquaint the student with the several aspects of general education programs in higher institutions, including junior colleges. Investigation of forces contributing to the general education movement, of the characteristics and needs of the "new student," of objectives of general education, of types of courses and programs, of the content of courses, and of similar related problems will be features of the seminar. The student will have opportunity to observe in University College one of America's older and more successful general education programs in action.

JULY 30 TO AUGUST 18

BUSINESS EDUCATION

GRADUATE COURSE

BEN. 564.—Materials and Methods of Teaching General Business. 3 credits.
9:00-12:00 daily. YN 305. MOORMAN, J. H.

The objectives, content, resource materials, and methods of teaching general business in high schools; the coordination of general business and social studies.

EDUCATION

EN. 482.—Planning for Improved Daily Living. 3 credits. Open only to graduate students in Education.
Section 2. 9:00-12:00 daily. YN 323. INGLE, K. H.

GRADUATE COURSES

EN. 506.—Introduction to Audio-Visual Materials. 3 credits. Open only to graduate students in Education.
9:00-12:00 daily. YN 142. ALEXANDER, V. W.

EN. 509.—Teaching Science in the Elementary School. 3 credits. Open only to graduate students in Education. Prerequisite: GL. 301 or equivalent, and teaching experience.
9:00-12:00 daily. LE 138. BINGHAM, N. E.
1:00- 4:00 daily. LE 142.

The place of science in the elementary school, the scientific approach, science experiences appropriate for elementary school pupils, preparation of scientific materials for use in elementary school classrooms, new developments in teaching science in elementary schools.

EN. 520.—Laboratory Workshop in Curriculum Development. 3 credits. Open only to graduate students in Education. Prerequisite: EN. 527 or equivalent; in addition EN. 519 recommended.
9:00-12:00 daily. YN 203. PADGETT, E.

Each student will be expected to survey the research and best thinking on practices in the subject fields upon which he works in the laboratory. He will spend most of his time developing resource units.

EN. 521.—Public School Business Administration and Finance. 3 credits. Open only to graduate students in Education.
9:00-12:00 daily. YN 138. JOHNS, R. L.

Included in the scope of this course are the following areas: state, local, and federal financing of education; school financial records and reports; the preparation and administration of budgets; purchasing procedures; the issuance and sale of school securities.

EN. 536.—Methods and Problems of Educational Supervision. 3 credits. Open only to graduate students in Education.
9:00-12:00 daily. YN 236. GREEN, E. K.

Critical study of supervisory practices as applied to typical instructional problems. Methods of evaluating instruction.

EN. 540.—Socio-Economic Foundations of Education. 3 credits. Open only to graduate students in Education.
Section 2. 9:00-12:00 daily. YN 311. COX, D. W.

EN. 541.—Problems in Educational Psychology. 3 credits. Open only to graduate students in Education.
9:00-12:00 daily. YN 134.

EN. 544.—Legal Phases of Public School Administration. 3 credits. Open only to graduate students in Education.

9:00-12:00 daily. YN 207. LEPS, J. M.

The legal status of schools in the United States; emphasis on Florida conditions, school laws, constitutional provisions, judicial decisions, Attorney General's rulings, and regulations of the State Board of Education. Only graduate students with experience in administration and supervision will be admitted.

EN. 550.—Workshop in the Language Arts in the Secondary School. 3 credits. Open only to graduate students in Education.

9:00-12:00 daily. YN 214. BOUTELLE, M. W.

Gives opportunity to principals, supervisors, graduate students, and in-service teachers to work on their own problems at the various levels in grades 7 through 14. Present trends, basic principles, methods, and materials will be considered.

EN. 562.—Principles of Pupil Guidance. 3 credits. Open only to graduate students in Education.

Section 2. 9:00-12:00 daily. YN 101. STRIPLING, R. O.

EN. 563.—Techniques in Guidance and Counseling. 3 credits. Open only to graduate students in Education. Prerequisite: EN. 562 or equivalent.

Section 2. 9:00-12:00 daily. YN 201. FAGIN, B.

EN. 578.—Language Arts in the Elementary School—Skills. 3 credits. Open only to graduate students in Education.

9:00-12:00 daily. YN 150. HILLIARD, P.

The latest trends and practices in the teaching of reading, oral and written expression, handwriting and spelling.

EN. 581.—Teaching in Small Schools. 3 credits. Open only to graduate students in Education.

9:00-12:00 daily. YN 226. WOFFORD, K. V.

To assist teachers and supervisors of small schools of less than six teachers where there are special problems.

EN. 585.—Workshop in Junior College Education. 3 credits. Open only to graduate students in Education.

9:00-12:00 daily. YN 232. WATTENBARGER, J. L.

Problems of administrators, teachers, and other professional workers in junior college and general education programs.

EN. 590.—Problems in School Administration and Supervision. 3 credits. (County Superintendents.)

To arrange. YN 128. JOHNS, R. L.

EN. 592.—Problems in School Administration and Supervision. 3 credits. (Elementary Principals.)

To arrange. YN 130. LEPS, J. M.

EN. 593.—Problems in School Administration and Supervision. 3 credits. (Secondary Principals.)

To arrange. YN 130. LEPS, J. M.

EN. 603.—School Transportation. 3 credits. Open only to graduate students in Education.

9:00-12:00 daily. YN 132. BAIRD, J. P. and JOHNS, R. L.

The organization and administration of transportation services for school children; routing of school buses, transportation safety standards; the organization and administration of publicly owned systems of transportation.

EN. 607.—Administration of Teacher Personnel. 3 credits. Open only to graduate students in Education.

9:00-12:00 daily. YN 316. SIMMONS, G. B.

Consideration of the human factors in school administration.

INDUSTRIAL ARTS

IN. 312.—Elementary School Handicrafts. 3 credits.

Section 2. 8:00-11:00; 1:00-4:00 daily. YN 304-B. BERGENGREN, R. F.

GRADUATE COURSES

IN. 533.—Industrial Arts and Vocational Laboratory Seminar. 3 credits.

Section 2. 8:00-11:00 daily. YN 302. WILLIAMS, W. R.

IN. 535.—Curriculum Development in Industrial Education. 3 credits. Prerequisite: IN. 506 and one graduate Education course in curriculum.

1:00-4:00 daily. YN 302. WILLIAMS, W. R. and STAFF.

A staff course concerning the industrial arts and vocational industrial curriculum in its wider implications, comprising review of the current situation and advanced study and research of a projective nature, proceeding from basic educational concepts to specifics of the field.

PHYSICAL EDUCATION, HEALTH AND ATHLETICS

PHA. 361.—The Elementary School Health Program. 3 credits.

Section 2. 9:00-12:00 daily. FG 208. HICKS, D. A.

Principles of developing the health program with procedures for protecting and improving the health of the elementary school child through: home-school-community resources and cooperation; health screening and follow-up; use of school plant and health services; selection and use of health instructional materials, records and reports in providing health experiences at various levels of the elementary school; integration and evaluation of health instruction.

GRADUATE COURSE

PHA. 510.—Evaluative Procedures in Physical Education and Health Education. 3 credits.

9:00-12:00 daily. FG 210. STATON, W. M.

Basic concepts of measurement and evaluation as applied to the fields of physical education and health education. Status of evaluative procedures, application of elementary statistical methods; problems of administering testing programs in the schools. Analysis of instruments and techniques used in measuring ability, capacity, and progress.

SIX WEEK COURSES

The courses listed in this section are for graduate students in Education only and run for six weeks only. Students registering for courses listed in this section follow the same admission and registration procedures as other students but are limited to a maximum load of six semester hours.

JUNE 18 TO JULY 28

BUSINESS EDUCATION

GRADUATE COURSES

BEN. 552.—Teaching Office Machines. 3 credits. Prerequisite: BEN. 352 or equivalent.

10:00-12:00 M T W Th F and 5 hours laboratory to arrange. YN 305. BRADDY, V.

Methods of teaching the operation of machines commonly used in business offices.

BEN. 575.—Administration and Supervision of Business Education. 3 credits. Prerequisite: One year of teaching experience in Business Education and approval of department head.

8:00-10:00 M T W Th F. K 203.

Problems and duties of administrators and supervisors of business education at the city and county levels are studied.

BEN. 585.—Problems in Business Education. 3 credits.

2:00-4:00 M T W Th F. YN 305.

Areas of interest to students enrolled will be studied intensively; emphasis on problems in business education in Florida schools.

EDUCATION

EN. 317.—Measurement and Evaluation of School Practices. 3 credits.

8:00-10:00 M T W Th F. OF. HINES, V. A.

Study of basic principles and methods of measurement; evaluation of pupil learning in schools.

EN. 325.—Teaching and Administration in Schools of Nursing. 6 credits.

8:00-12:00 M T W Th F. FG 220. RITTER, B. E., and SALISBURY, A.

Conducted on a workshop basis. Consideration of problems in nursing school administration such as organization and control, faculty selection, curriculum construction, accreditation, personnel management; and of problems of instruction such as methods and materials of teaching and techniques of evaluation.

EN. 385.—Child Development. 3 credits.

Section 2. 8:00-10:00 M T W Th F. YN 236. McLENDON, I. R.

EN. 386.—Educational Psychology. 3 credits.

Section 2. 2:00-4:00 M T W Th F. YN 236. McLENDON, I. R.

EN. 403.—Philosophy of Education. 3 credits.

10:00-12:00 M T W Th F. YN 236. BAMBERGER, F. E.

A critical examination of various theories and philosophies of education, their relationships to the democratic principle, and their significance to the evolving system of education in the United States.

Ralph Alexander Morgen, Ph.D.....Director of the Engineering and Industrial Experiment Station
Harold Stephenson Newins, M.F.....Director of the School of Forestry
Clarence Vernon Noble, Ph.D.....Dean of the College of Agriculture
Ralph Emerson Page, Ph.D.....Dean of the College of Arts and Sciences
Garland Wheeler Powell.....Director of Radio Station WRUF
George Sheldon Price, B.S., Colonel, Field Artillery.....Professor of Military Science and Tactics and Coordinator of the Military Departments
J. Wayne Reitz, Ph.D.....Provost for Agriculture
Bert Claire Riley, B.A., B.S.A.....Dean of the General Extension Division
Nile Clarett Schaffer.....Acting Director of the Florida State Museum
Thomas Marshall Simpson, Ph.D.....Dean of the Graduate School
Dennis Keith Stanley, M.A.E.....Dean of the College of Physical Education, Health and Athletics
Joseph Weil, M.S.....Dean of the College of Engineering
Rae O. Weimer.....Director of the School of Journalism
Stanley LeRoy West, LL.B., B.S. in L.S.....Director of the University Libraries
Joseph Benton White, Ph.D.....Dean of the College of Education
Edward Deming Whittlesey, B.A.....Director of Public Relations
W. Max Wise, Ed.D.....Dean of Student Personnel

OFFICERS OF INSTRUCTION, RESEARCH AND ADMINISTRATION 1950-51

(The first date indicates the year of first employment; the second the year of present rank)

Abbott, Ouida Davis, Ph.D. (Missouri), Home Economist and Head of Department, Agricultural Experiment Station (1925-1925).

Adams, Donald E., B.S.A., Interim Instructor in Agricultural Engineering (1950-1950).

Adams, Frank Thompson, Litt. M., Assistant Professor of Field Organization, General Extension Division (1946-1947).

Adkinson, James A., B.S. Eng., Interim Instructor in Physical Sciences (1950-1950).

Albertson, Rachel, B.A., Editor, Engineering and Industrial Experiment Station (1948-1948).

Alexander, Virgil William, Ph.D. (Nebraska), Assistant Professor of Secondary Education (1950-1950).

Allee, Warder Clyde, Ph.D. (Chicago), Professor of Biology and Head of Department (1950-1950).

Alleger, Daniel Eugene, M.S., Associate Agricultural Economist, Agricultural Experiment Station (1945-1947).

Allen, John Stuart, Ph.D. (New York), Vice President of the University (1948-1948).

Allen, Robert J., M.S., Assistant Agronomist, Everglades Experiment Station (1950-1950).

Allison, Robert Verrill, Ph.D. (Rutgers), Vice Director in Charge, Everglades Experiment Station (1926-1944).

Ames, Burton Weber, M.A.E., Director of Non-Academic Personnel (1923-1948).

Anderson, Carl Arthur, M.B.A., Assistant Professor of Accounting (1947-1950).

Anderson, Chris William, Ph.D. (California), Assistant Plant Pathologist, Agricultural Experiment Station (1950-1950).

Anderson, Cyrus Edward, Ed.D. (Oregon), Assistant Professor of Off-Campus Instruction (1949-1949).

Anderson, Edward Arthur, M.A., Instructor in Art (1949-1949).

Anderson, John David, M.A., Assistant Professor of Economics (1948-1950).

Anderson, Montgomery Drummond, Ph.D. (Brookings), Professor of Business Statistics and Economics (1927-1927).

Anderson, Richard James, Ph.D. (Michigan), Assistant Professor of Psychology (1943-1946).

Anderson, William Jennings, B.S.E., Interim Instructor in Physical Sciences (1946-1946).

Andrews, Samuel Gene, M.A., Interim Instructor in English (1949-1949) (Resigned June 30, 1950).

Apperson, Frances Eugenia, B.A. in L.S., Head of Serials Department, Library (1943-1948).

Aratowsky, Bernard, Ph.D. (Johns Hopkins), Instructor in Foreign Languages (1950-1950).

Arnett, William Tobias, M.A. in Arch., A.I.A., Dean of the College of Architecture and Allied Arts and Professor of Architecture; Director, Bureau of Architectural and Community Research (1933-1949).

Arnette, James Hilton, B.S., Instructor in Agricultural Engineering (1948-1948). (Resigned September 30, 1950).

Arnold, Lillian Eleanore, M.S., Assistant Botanist, Agricultural Experiment Station (1927-1936).

Arnold, P. T. Dix, M.S.A., Assistant Professor of Dairy Husbandry and Assistant Dairy Husbandman, Agricultural Experiment Station (1931-1934).

Atchley, Mell H., M.A., Assistant Professor of Sociology (1947-1947).

Atkin, Ernest George, Ph.D. (Harvard), Professor of French (1927-1927) (Retired June 30, 1950).

Bachman, Harold Burton, B.S., Professor of Music (1948-1949).

Bagley, Russell Elmer, B.S. in L.S., Interim Instructor in Speech (1948-1948) (Resigned July 31, 1950).

Baier, John Frederick, M.A., Interim Instructor in Mathematics (1947-1949) (Resigned June 15, 1950).

Bair, Roy Albert, Ph.D. (Iowa State), Agronomist, Everglades Experiment Station (1941-1946) (Resigned September 30, 1950).

Baker, Frank Sloan, B.S.A., Assistant Animal Husbandman, North Florida Experiment Station (1945-1945).

Bamberger, Florence Eilau, Ph.D. (Columbia), Visiting Professor of Education (1949-1949).

Banister, John Robert, M.S. in L.S., Assistant Professor of Training Aids and Adult Education, General Extension Division (1947-1947).

Baringer, William Eldon, Ph.D. (Illinois), Professor of Social Sciences (1947-1949).

Barney, John Marshall, M.S.E.E., Assistant in Research, Engineering and Industrial Experiment Station (1950-1950).

Barnlund, Dean C., M.S., Instructor in Speech (1949-1949) (Resigned August 31, 1950).

Baroff, Eugene, B.A., Interim Instructor in Social Sciences (1948-1948) (Resigned June 15, 1950).

EN. 545.—Modern Practices in Elementary Education. 6 credits.

8:00-12:00 M T W Th F. YN. HILLIARD, P.

An orientation course for all graduate majors in elementary education. Emphasis is placed on modern school curriculum practices and on child development as it is related to learning.

EN. 547.—Problems in Elementary Education. 6 hours.

8:00-12:00 M T W Th F. YN. WOFFORD, K. V.

Principles and practices of elementary school education are studied by the problem approach. The area of social learnings will be stressed.

EN. 562.—Principles of Pupil Guidance. 3 credits.

Section 1. 10:00-12:00 M T W Th F. YN 311. STRIPLING, R. O.

Students carry out an individual guidance project in addition to their survey of guidance principles and practices in schools. Those who have had an introductory course in guidance should take EN. 563 as their second course in the field.

EN. 563.—Techniques in Guidance and Counseling. 3 credits. Prerequisite: EN. 562 or equivalent.

Section 1. 10:00-12:00 M T W Th F. K 203. FAGIN, B.

Experience is given in the use of measuring instruments useful in guidance; counseling techniques are carefully considered; the keeping and use of records are examined; and the functions of a guidance specialist are studied.

EN. 575.—Modern Trends in the Teaching of Reading. 3 credits.

2:00-4:00 M T W Th F. AN 306. SPACHE, G. D.

To help teachers on all grade levels to understand the purpose of teaching reading, to know the specific skills and attitudes which should be developed, and to become acquainted with the techniques of teaching them.

EN. 576.—Laboratory in Corrective Reading. 3 credits. Prerequisite or co-requisite: EN. 575 or equivalent.

8:00-10:00 M T W Th F. AN 306. SPACHE, G. D.

Intensive study is made of the diagnosis, correction, and prevention of reading difficulties. Application of the principles studied will be made in work with individuals and selected groups of children. This course deals with both elementary and secondary school reading problems.

EN. 584.—Education for Young Children. 6 credits.

8:00-12:00 M T W Th F. YN 209.

For teachers of children of pre- and early school age. The course includes such topics as the following: what young children are like; curriculum experiences to meet the needs of young children; methods and materials; reports and records; working with parents.

EN. 608.—Administration of Pupil Personnel. 3 credits.

2:00-4:00 M T W Th F. YN 316. SIMMONS, G. B.

EN. 675.—The Core Program in the Secondary School. 3 credits.

10:00-12:00 M T W Th F. I 103. KITCHING, E.

A program for teachers interested in learning how to work effectively in schools which utilize the core curriculum type of organization.

ENGLISH

EH. 306.—Modern English Grammar. 3 credits.

1:00-3:00 M T W Th and 1:00 F. AN 210. COX, E. H.

A study of modern English inflection and syntax. Designed to be of practical value to teachers of English.

EH. 308.—American Folksongs. 3 credits.

3:00-5:00 M T W Th and 3:00 F. AN 210. MORRIS, A. C.

A course designed (1) to acquaint the students with the large body of American folksongs such as the English and Scottish popular ballads, cowboy songs, sea chanteys, negro spirituals, folk hymns of the whites, songs of the lumberjacks, dialogue and nursery songs, play-party songs, and mining camp songs; and (2) to point out the value inherent in the folksong material for the classroom teacher and for students interpreting the American cultural heritage.

INDUSTRIAL ARTS

IN. 312.—Elementary School Handicrafts. 3 credits.

Section 1. 8:00-11:00 daily. YN 304-B. BERGENGREN, R. F.

Primarily for teachers. Individual creative expression in both structural and decorative design application; simple projects in leather, textiles, clay, reed, felt, linoleum block, metal, cork, woods; the development of native craft materials.

IN. 313.—Handicrafts. 3 credits.

1:00-4:00 daily. YN 304-B. BERGENGREN, R. F.

The course deals with secondary school, recreational, and adult programs. Major areas explored include leather carving and tooling, metal etching, wood carving, pottery, plastics and textiles.

GRADUATE COURSES

IN. 506.—History and Philosophy of Industrial and Vocational Education. 3 credits.

8:00-10:00 M T W Th F. YN 304-A. MEYER, H. K.

The historical background which highlights the significant educational philosophies and objectives underlying the programs of industrial arts and vocational education. Emphasis is given to modern concepts and their implications.

IN. 525.—Advanced Industrial Arts Design. 3 credits.

1:00-4:00 daily. YN 304-A. MEYER, H. K.

Industrial arts project design for various media. Laboratory practice.

IN. 533.—Industrial Arts and Vocational Laboratory Seminar. 3 credits.

Section 1. 10:00-12:00 M T W Th F. YN 302. WILLIAMS, W. R.

Advanced laboratory techniques; opportunity for in-service graduates to exchange experiences.

LIBRARY SCIENCE

LY. 303.—Library Organization and Administration. 3 credits.

8:30 daily. LI 454.

Survey of the basic functions and procedures of school libraries.

MUSIC

MSC. 160.—Music Skills. 3 credits.

7:00 daily. R 201.

Laboratory: 12:00 M W F. R 201.

MSC. 160 and 161 are state certification requirements for teaching in the elementary schools. Designed for the classroom teacher. A study of the fundamentals of music needed by the classroom teacher for teaching music in the elemcntary school.

MSC. 161.—Music for the Elementary Child. 3 credits.

8:00 daily. R 201.

Laboratory: 1:00 M W F. R 201.

Designed for the classroom teacher. This course presents the study of principles, problems, and procedures relative to the teaching of music in the elementary grades.

MSC. 363.—Projects and Problems in Music Education. 3 credits.

10:00 daily. R 103. SCHMIDT, D. T.

Laboratory: 2:00 M W F. R 201.

This course is designed primarily for the advanced student who wishes some help in the problems of teaching music in an individual situation.

MSC. 364.—Projects and Problems in Music Education. 3 credits.
10:00 daily. R 103. SCHMIDT, D. T.
Laboratory: 2:00 M W F. R 201.

This course is designed primarily for the advanced student who wishes some help in the problems of teaching music in an individual situation.

PHYSICAL EDUCATION, HEALTH AND ATHLETICS

PHA. 315.—Applied Anatomy and Physiology. 3 credits. Prerequisite: C-6.
2:00-4:00 M T W Th F. FG 210. STATON, W. M.

For students planning to teach in the area of physical education or health education. Basic understandings with respect to the structure and function of the skeletal, muscular, nervous, respiratory, digestive, reproductive, endocrine, excretory and circulatory systems; and their application to the fields of physical education and health education.

PHA. 325.—The Conduct of Playgrounds and Indoor Centers. 3 credits.
8:00-10:00 M T W Th F. FG 210 BOSWELL, J. H.

For community recreation workers, school personnel and volunteers interested in the operation of playground and indoor center programs. Physical facilities, layout and equipment, personnel, activities, program planning and problems of operation and administration.

PHA. 371.—Methods and Materials in the Teaching of Rhythmical Activities. 3 credits. Prerequisite: PHA. 171, 271. Open only to women.
2:00 M W F. FG 214. FAULDS, B. B.
Laboratory: 8:00-10:00 daily. FG 214.

Methods and materials in teaching rhythmic fundamentals, modern, folk, tap, American country, and social dance at the secondary school and college levels.

PHA. 373.—Teaching Physical Education in the Elementary School. 3 credits.
Section 3. 2:00 M W F. FG 222. HORTON, S.
Laboratory: 10:00-12:00 daily. FG 222.

The program of physical education activities for the elementary school including small group play, large group play, directed play, rhythmic activities and team games, together with methods and procedures for conducting such a program.

PHA. 421.—Driver Education and Traffic Safety. 3 credits. Prerequisite: Limited to senior and graduate students who hold a valid driver's license.
12:00-2:00 M T W Th F. FG 224.

Prepares teachers to conduct Driver Education and Training courses on the secondary school level. Methods and materials concerned with the psychophysical limitations of drivers, driving practices, automobile construction, manipulation and maintenance, pedestrian protection, road training, and skill tests.

GRADUATE COURSES

PHA. 505.—Research Methods in Physical Education, Health Education and Recreation. 3 credits.
8:00-10:00 M T W Th F. FG 208. WAGLOW, I. F.

Elements and techniques of research and their application to problems in the fields of physical education, health education and recreation. The identification of the various research methods, familiarization with outstanding and significant research reports, evaluation of published research. Investigations in the physiology of exercise, kinesiology, anthropometry, body mechanics, strength, endurance, and motor skills.

PHA. 515.—Supervision of Physical Education. 3 credits.
10:00-12:00 M T W Th F. FG 208. CRAWFORD, W. H.

For those now employed or planning to become supervisors of state, county or city programs of physical education. Observational techniques, the evaluation and improvement of programs and teaching, standards for judging instruction, types of conferences, principles of curriculum construction, and administrative relationships.

PHA. 520.—Problems in the Administration of Athletics. 3 credits.

10:00-12:00 M T W Th F. FG 210. CHERRY, H. S.

Problems of administering the interscholastic athletic program. The place of athletics in education; various methods of organizing the programs; establishment of policies relating to staff, budget, equipment, facilities, program, awards, public relations, membership in conferences, and legal liability. The intramural athletic program.

PHA. 533.—Problems in Physical Education. 3 credits.

12:00-2:00 M T W Th F. FG 208. SALT, E. B.

Contemporary problems in physical education designed to broaden the student's understanding of principles and current practices as they relate to school programs in this field. Through a comprehensive study of current literature, the student will be given an opportunity to examine the effect of recent educational trends upon physical education.

POLITICAL SCIENCE

PCL. 301.—American Government and Politics. 3 credits. The first half of the course PCL. 301-302.

Section 2. 8:00-10:00 M T W Th F. PE 201. DOHERTY, H. J.

A study of the structure and function of the federal government.

PCL. 309.—International Relations. 3 credits. The first half of the course PCL. 309-310.

Section 2. 10:00-12:00 M T W Th F. PE 201. DOTY, F. A.

The nature of international relations, nationalism, imperialism, militarism, armaments; history of international relations; foreign policies; function and problems of democracy; international organization; the League of Nations and the World Court.

The University Record of the University of Florida

Catalog 1951–52

Vol. XLVI, Series 1 No. 6 June 1, 1951

Published monthly by the University of Florida, Gainesville, Florida
Entered in the post office in Gainesville, Florida, as second-class matter, under Act of Congress, August 24, 1912

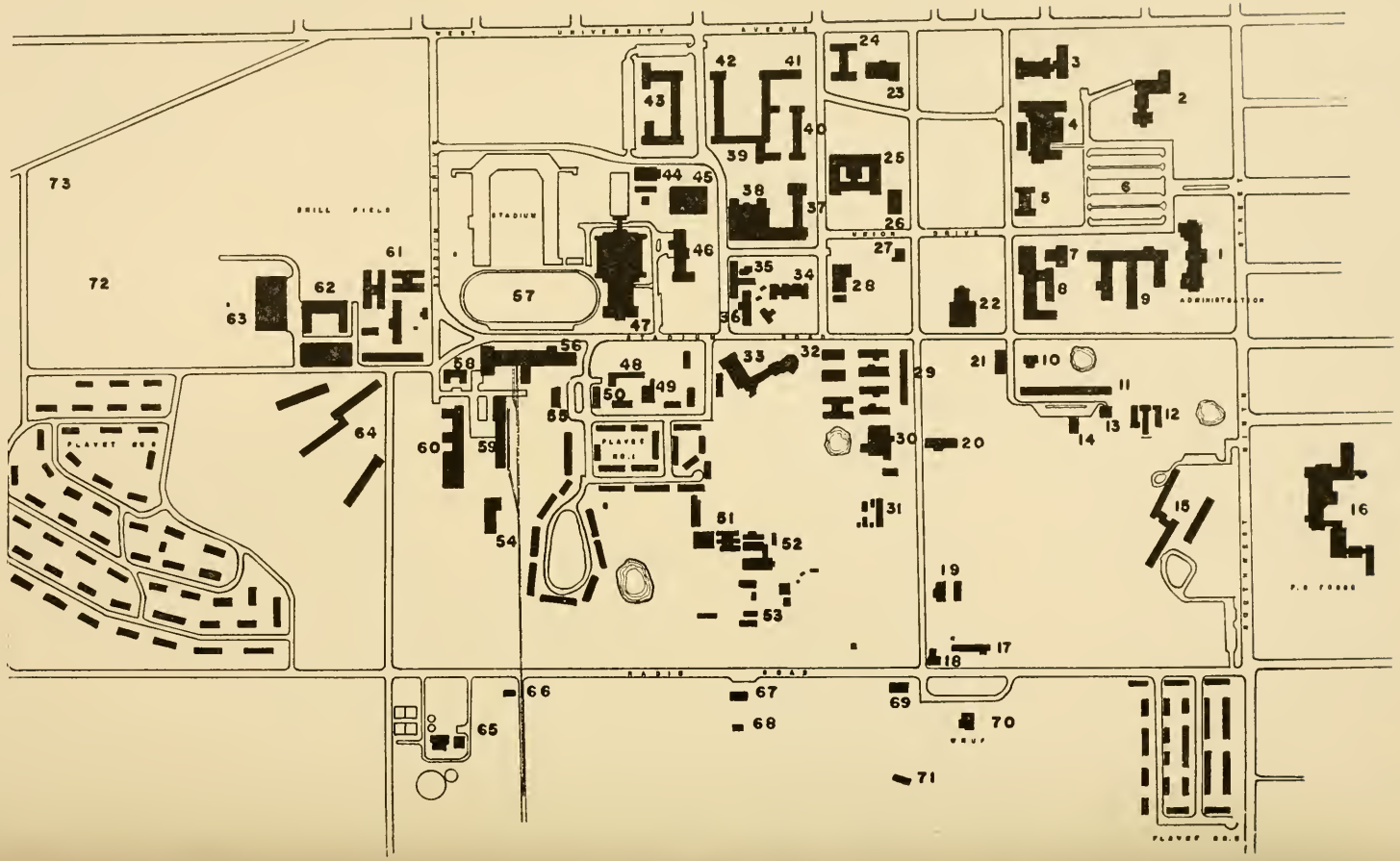
Office of Publication, Gainesville, Florida

The Record comprises:

The Report of the President to the Board of Control, the Catalog, the Bulletin of the Summer Session, the Schedule of Courses for each term or semester, the University Directory, and various bulletins on regulations and policies.

These bulletins will be sent gratuitously to all persons who apply for them. The applicant should specifically state which bulletins or what information is desired. Address

THE REGISTRAR, University of Florida
Gainesville, Florida


WEST UNIVERSITY AVENUE
DRILL FIELD
STADIUM
UNION DRIVE
ADMINISTRATION
RADIO ROAD
PLAYER BOX
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73

KEY TO MAP OF CAMPUS
UNIVERSITY OF FLORIDA

1. Administration Building
2. Law Building
3. Anderson Hall
4. Library
5. Peabody Hall
6. Parking Area
7. Walker Hall
8. Benton Hall
9. Building E—Classrooms
10. Residence
11. Building G—Faculty Offices
12. Green House
13. Temporary Residence
14. Farm Machinery Laboratory
15. Women's Dormitories
16. P. K. Yonge—Laboratory School
17. Cattle Feeding Barn
18. Nutrition Laboratory
19. Poultry Disease Laboratory
20. Temporary Dormitory J
21. Building C—Mechanical Drawing
22. University Auditorium
23. Science Hall
24. Building I—Classrooms
25. Leigh Hall
26. Floyd Hall
27. University Post Office
28. Horticulture Building
29. Temporary Dormitories—A thru H
30. Dairy Products Laboratory
31. Fumigation and Spectography Laboratories
32. Buildings A—Accounting and B—Civil Engineering
33. Student Service Center
34. Newell Hall
35. Building J
36. Temporary Dormitory I
37. Florida Union
38. University Cafeteria
39. Sledd Hall
40. Buckman Hall
41. Fletcher Hall
42. Thomas Hall
43. Murphree Hall
44. Women's Gymnasium
45. Building R—Music
46. Infirmary
47. Florida Gymnasium
48. Building K—Classrooms
49. Wood Products Laboratory
50. Cancer Research Laboratory
51. Greenhouse
52. Horticulture Laboratories
53. Tung Oil Laboratory
54. Garage
55. Reed Laboratory
56. Engineering and Industries Building
57. Graham Field
58. Building L
59. Plant and Grounds Building
60. Maintenance Shops
61. Temporary Dormitories—K thru S
62. Military Building
63. Building N—Engineering Laboratories
64. Men's Dormitories
65. Sewage Treatment Plant
66. Sewage Laboratory
67. Poultry Laboratory
68. Poultry Storage
69. Citrus Packing Plant
70. WRUF Radio Station
71. Pest Control Building
72. Perry Field
73. Tennis Stadium

TABLE OF CONTENTS

	PAGE
University Calendar	5
Administrative Officers	9
Faculty	10
General Information	58
Admissions	66
Expenses	71
Housing	75
Student Life—Services, Facilities, Activities, Regulations	78
Colleges, Schools, and Curricula	
University College	109
College of Agriculture	120
College of Architecture and Allied Arts	134
College of Arts and Sciences	143
College of Business Administration	152
College of Education	169
College of Engineering	183
School of Forestry	201
School of Journalism	203
College of Law	206
College of Pharmacy	213
College of Physical Education, Health and Athletics	216
Physical Fitness Program	225
The Division of Music	228
The Division of Military Science and Tactics	229
Radio Broadcasting	231
Training of the Handicapped	234
Graduate School	237
Description of Courses	253
General Index	507

UNIVERSITY CALENDAR
1951-52

REGULAR SESSION SEPTEMBER 1951 — JUNE 1952

1951

August 18, Saturday	Last day for filing preliminary application for first semester.
Sept. 17, 18, Monday, Tuesday	Placement tests for entering students.
Sept. 17-22, Monday-Saturday	Orientation and registration according to appointments assigned on receipt of preliminary application.
Sept. 24, Monday, 7:40 a.m.	Classes begin. All registration fees increased by $5.00 for persons completing registration on or after this date.
Sept. 29, Saturday, 12 noon	Last time for completing registration for first semester. No one permitted to start registration after 10 a.m. on this date. Last time for adding courses and for changing sections.
October 1, Monday, 12 noon	Last time for submitting resignation for first semester and receiving any refund of fees.
October 19, 20, Friday, Saturday	Homecoming. Classes suspended at 12:30 p.m. Friday.
October 20, Saturday, 12 noon	Last time for filing application with Dean to be designated as honor student.
October 27, Saturday, 12 noon	Last time for making application at the Office of the Registrar for degree to be conferred at end of first semester.
November 5, Monday, 4 p.m.	Last time for dropping courses without receiving grade of E.
November 10, Saturday	Georgia-Florida football game in Jacksonville, classes suspended.
November 21, Wednesday, 5:30 p.m.	Thanksgiving recess begins.
November 26, Monday, 7:40 a.m.	Thanksgiving recess ends.
December 1, Saturday, 12 noon	Last time for removing grades of I or X received in preceding semester or term of attendance.
December 20, Thursday, 5:30 p.m.	Christmas recess begins.
December 29, Saturday	Last day for filing preliminary applications for second semester.

1952

January 3, Thursday, 7:40 a.m.	Christmas recess ends.
January 11, Friday	Last day for candidates for degrees to be conferred at end of first semester to complete correspondence courses.
January 14, Monday, 4 p.m.	Last time for candidates for Master's and Doctor's degrees to be conferred at end of first semester to file theses with the Dean of the Graduate School.

January 19, Saturday, 2:30 p.m.....Final examination period begins.
January 21, Monday.....Second semester registration begins for students who were enrolled during the first semester.
January 31, Thursday, 4 p.m.....Grades for all candidates for degrees to be conferred at end of first semester due in the Office of the Registrar (special lists are sent to the faculty for this report).
February 1, Friday.....Faculty meetings, at times announced by the Deans, to pass upon candidates for degrees.
February 2, Saturday, 5 p.m.....First semester ends.
February 2, Saturday, 8 p.m.....First semester Commencement Convocation.
February 4, Monday, 4 p.m.....All grades for first semester due in the Office of the Registrar.

SECOND SEMESTER

February 6, Wednesday.....Placement tests for entering students.
February 7-9, Thursday-Saturday.....Registration according to appointments assigned on receipt of preliminary application.
February 11, Monday, 7:40 a.m.....Classes begin. All registration fees increased $5.00 for persons completing registration on or after this date.
February 16, Saturday, 12 noon.....Last time for completing registration for the second semester. No one permitted to start registration after 10 a.m. on this date.
Last time for adding courses and for changing sections.
February 18, Monday, 12 noon.....Last time for submitting resignation for second semester and receiving any refund of fees.
March 8, Saturday, 12 noon.....Last time for filing application with Dean to be designated as honor student.
March 15, Saturday, 12 noon.....Last time for making application at the Office of the Registrar for a degree to be conferred at the end of the second semester.
March 25, Tuesday, 4 p.m.....Last time for dropping courses without receiving a grade of E.
April 10, Thursday, 5:30 p.m.....Spring recess begins.
April 12, Saturday, 12 noon.....Last time for removing grades of I or X received in preceding semester or term of attendance.
April 15, Tuesday, 7:40 a.m.....Spring recess ends.
May 3, Saturday.....Last day for filing preliminary application for 1952 Summer Session.
May 16, Friday.....Last day for candidates for degrees to be conferred at the end of the second semester to complete correspondence courses.
May 19, Monday, 4 p.m.....Last time for candidates for Master's and Doctor's degrees to be conferred at end of second semester to file theses with the Dean of the Graduate School.
May 24, Saturday, 2:30 p.m.....Final examination period begins.

May 26, Monday.....Summer session registration begins for students who were enrolled during the second semester.

June 5, Thursday, 4 p.m.....Grades for all candidates for degrees to be conferred at the end of the second semester due in the Office of the Registrar (special lists are sent to the faculty for this report).

June 6, Friday.....Faculty meetings, at times announced by the Deans, to pass upon candidates for degrees.

June 8, Sunday.....Baccalaureate Service.

June 9, Monday.....Commencement Convocation.

June 9, Monday, 4 p.m.....All grades for second semester due in the Office of the Registrar.

SUMMER SESSION 1952

June 11, Wednesday.....Placement tests for entering students.

June 12-14, Thursday-Saturday.....Registration according to appointments assigned on receipt of preliminary application.

June 16, Monday, 7 a.m.....Classes begin. All registration fees increased $5.00 for persons completing registration on or after this date.

June 17, Tuesday, 5 p.m.....Last time for completing registration for the regular nine-week summer session. No one will be permitted to start registration after 3 p.m. on this date.

Last time for adding courses or changing sections.

June 20, Friday, 4 p.m.....Last time for submitting resignation for the summer session and receiving any refund of fees.

June 21, Saturday, 12 noon.....Last time for making application at the Office of the Registrar for degree to be conferred at the end of the summer session.

July 4, 5, Friday, Saturday.....Holiday—Classes suspended.

July 7, Monday, 4 p.m.....Last time for dropping courses without receiving a grade of E.

July 25, Friday.....Last day for candidates for degrees to be conferred at end of the summer session to complete correspondence courses.

July 28, Monday, 4 p.m.....Last time for candidates for Master's and Doctor's degrees to be conferred at the end of the summer session to file theses with the Dean of the Graduate School.

August 12, Tuesday, 7 a.m.....Final examination period begins. First semester registration begins for students enrolled in the summer session.

August 14, Thursday, 4 p.m.....Grades for all candidates for degrees to be conferred at the end of the summer session are due in the Office of the Registrar (special lists are sent to the faculty for these reports).

August 15, Friday.....Faculty meetings, at times announced by the Deans, to pass upon candidates for degrees.

August 16, Saturday, 12 noon.....All grades for the summer session due in the Office of the Registrar.
August 16, Saturday, 8 p.m.....Summer Commencement Convocation.

REGULAR SESSION 1952-53

1952

August 16, Saturday.....Last day for filing preliminary application for first semester.
September 15-16, Monday, Tuesday.....Placement tests for entering students.
September 15-20, Monday-Saturday.....Registration.
September 22, Monday.....Classes begin.

STATE BOARD OF EDUCATION

FULLER WARREN.....Governor
R. A. GRAY.....Secretary of State
J. EDWIN LARSON.....State Treasurer
RICHARD ERVIN.....Attorney General
THOMAS D. BAILEY, *Secretary*.....State Superintendent of Public Instruction

BOARD OF CONTROL

FRANK M. HARRIS, LL.B., *Chairman*.....Attorney at Law
St. Petersburg, Florida
ELI FINK, LL.B.,.....Attorney at Law
Jacksonville, Florida
N. B. JORDAN.....Banker
Quincy, Florida
HOLLIS RINEHART, LL.B.,.....Attorney at Law
Miami, Florida
GEORGE L. WHITE, SR.....Banker
Mount Dora, Florida

WILLIAM F. POWERS.....*Secretary of the Board of Control*
Tallahassee, Florida

ACADEMIC AND ADMINISTRATIVE COUNCILS OF THE UNIVERSITY 1951-1952

J. HILLIS MILLER, M.A., Ph.D., LL.D., Litt.D., L.H.D.....President of the University
JOHN STUART ALLEN, Ph.D.....Vice President of the University
WILLIAM TOBIAS ARNETT, M.A. in Arch.....Dean of the College of Architecture and Allied Arts
GEORGE FECHTIG BAUGHMAN, LL.B., M.A.....Business Manager
ROBERT COLDER BEATY, M.A.....Dean of Men
ALVAH ALDEN BEECHER, M.M.....Director of Music
MARNA VENABLE BRADY, Ed.D.....Dean of Women
HARLEY WILLARD CHANDLER, M.S.....Dean of the University
HAROLD GRAY CLAYTON, M.S.A.....Director of the Agricultural Extension Service
HENRY ANDERSON FENN, LL.B.....Dean of the College of Law
WILLARD MERWIN FIFIELD, M.S.....Director of the Agricultural Experiment Station
PERRY ALBERT FOOTE, Ph.D.....Dean of the College of Pharmacy
LEWIS FRANCIS HAINES, Ph.D.....Director of the University Press
RICHARD SADLER JOHNSON, B.S.P.....Registrar
WINSTON WOODARD LITTLE, M.A.....Dean of the University College
JOHN FLETCHER MARTIN, LL.B., M.A.....Director of Latin American Student Affairs
WALTER JEFFRIES MATHERLY, M.A., LL.D.....Dean of the College of Business Administration
DONALD RAY MATTHEWS, M.A.....Director of Alumni Affairs
JOHN VREDENBURGH McQUITTY, Ph.D.....University Examiner

Ralph Alexander Morgen, Ph.D.....Director of the Engineering and Industrial Experiment Station
Harold Stephenson Newins, M.F.....Director of the School of Forestry
Clarence Vernon Noble, Ph.D.....Dean of the College of Agriculture
Ralph Emerson Page, Ph.D.....Dean of the College of Arts and Sciences
Garland Wheeler Powell.....Director of Radio Station WRUF
George Sheldon Price, B.S., Colonel, Field Artillery.....Professor of Military Science and Tactics and Coordinator of the Military Departments
J. Wayne Reitz, Ph.D.....Provost for Agriculture
Bert Claire Riley, B.A., B.S.A.....Dean of the General Extension Division
Nile Clarett Schaffer.....Acting Director of the Florida State Museum
Thomas Marshall Simpson, Ph.D.....Dean of the Graduate School
Dennis Keith Stanley, M.A.E.....Dean of the College of Physical Education, Health and Athletics
Joseph Weil, M.S.....Dean of the College of Engineering
Rae O. Weimer.....Director of the School of Journalism
Stanley LeRoy West, LL.B., B.S. in L.S.....Director of the University Libraries
Joseph Benton White, Ph.D.....Dean of the College of Education
Edward Deming Whittlesey, B.A.....Director of Public Relations
W. Max Wise, Ed.D.....Dean of Student Personnel

OFFICERS OF INSTRUCTION, RESEARCH AND ADMINISTRATION 1950-51

(The first date indicates the year of first employment; the second the year of present rank)

Abbott, Ouida Davis, Ph.D. (Missouri), Home Economist and Head of Department, Agricultural Experiment Station (1925-1925).

Adams, Donald E., B.S.A., Interim Instructor in Agricultural Engineering (1950-1950).

Adams, Frank Thompson, Litt. M., Assistant Professor of Field Organization, General Extension Division (1946-1947).

Adkinson, James A., B.S. Eng., Interim Instructor in Physical Sciences (1950-1950).

Albertson, Rachel, B.A., Editor, Engineering and Industrial Experiment Station (1948-1948).

Alexander, Virgil William, Ph.D. (Nebraska), Assistant Professor of Secondary Education (1950-1950).

Allee, Warder Clyde, Ph.D. (Chicago), Professor of Biology and Head of Department (1950-1950).

Alleger, Daniel Eugene, M.S., Associate Agricultural Economist, Agricultural Experiment Station (1945-1947).

Allen, John Stuart, Ph.D. (New York), Vice President of the University (1948-1948).

Allen, Robert J., M.S., Assistant Agronomist, Everglades Experiment Station (1950-1950).

Allison, Robert Verrill, Ph.D. (Rutgers), Vice Director in Charge, Everglades Experiment Station (1926-1944).

Ames, Burton Weber, M.A.E., Director of Non-Academic Personnel (1923-1948).

Anderson, Carl Arthur, M.B.A., Assistant Professor of Accounting (1947-1950).

Anderson, Chris William, Ph.D. (California), Assistant Plant Pathologist, Agricultural Experiment Station (1950-1950).

Anderson, Cyrus Edward, Ed.D. (Oregon), Assistant Professor of Off-Campus Instruction (1949-1949).

Anderson, Edward Arthur, M.A., Instructor in Art (1949-1949).

Anderson, John David, M.A., Assistant Professor of Economics (1948-1950).

Anderson, Montgomery Drummond, Ph.D. (Brookings), Professor of Business Statistics and Economics (1927-1927).

Anderson, Richard James, Ph.D. (Michigan), Assistant Professor of Psychology (1943-1946).

Anderson, William Jennings, B.S.E., Interim Instructor in Physical Sciences (1946-1946).

Andrews, Samuel Gene, M.A., Interim Instructor in English (1949-1949) (Resigned June 30, 1950).

Apperson, Frances Eugenia, B.A. in L.S., Head of Serials Department, Library (1943-1948).

Aratowsky, Bernard, Ph.D. (Johns Hopkins), Instructor in Foreign Languages (1950-1950).

Arnett, William Tobias, M.A. in Arch., A.I.A., Dean of the College of Architecture and Allied Arts and Professor of Architecture; Director, Bureau of Architectural and Community Research (1933-1949).

Arnette, James Hilton, B.S., Instructor in Agricultural Engineering (1948-1948). (Resigned September 30, 1950).

Arnold, Lillian Eleanore, M.S., Assistant Botanist, Agricultural Experiment Station (1927-1936).

Arnold, P. T. Dix, M.S.A., Assistant Professor of Dairy Husbandry and Assistant Dairy Husbandman, Agricultural Experiment Station (1931-1934).

Atchley, Mell H., M.A., Assistant Professor of Sociology (1947-1947).

Atkin, Ernest George, Ph.D. (Harvard), Professor of French (1927-1927) (Retired June 30, 1950).

Bachman, Harold Burton, B.S., Professor of Music (1948-1949).

Bagley, Russell Elmer, B.S. in L.S., Interim Instructor in Speech (1948-1948) (Resigned July 31, 1950).

Baier, John Frederick, M.A., Interim Instructor in Mathematics (1947-1949) (Resigned June 15, 1950).

Bair, Roy Albert, Ph.D. (Iowa State), Agronomist, Everglades Experiment Station (1941-1946) (Resigned September 30, 1950).

Baker, Frank Sloan, B.S.A., Assistant Animal Husbandman, North Florida Experiment Station (1945-1945).

Bamberger, Florence Eilau, Ph.D. (Columbia), Visiting Professor of Education (1949-1949).

Banister, John Robert, M.S. in L.S., Assistant Professor of Training Aids and Adult Education, General Extension Division (1947-1947).

Baringer, William Eldon, Ph.D. (Illinois), Professor of Social Sciences (1947-1949).

Barney, John Marshall, M.S.E.E., Assistant in Research, Engineering and Industrial Experiment Station (1950-1950).

Barnlund, Dean C., M.S., Instructor in Speech (1949-1949) (Resigned August 31, 1950).

Baroff, Eugene, B.A., Interim Instructor in Social Sciences (1948-1948) (Resigned June 15, 1950).

Barrett, William Jordan, Ph.D. (Florida), Interim Instructor in Chemistry (1947-1947) (Resigned June 30, 1950).

Barrineau, Thomas Lorren, M.A.E., District Supervisor, Vocational Education (1946-1947).

Barrus, Edith Young, B.A., District Home Demonstration Agent, Agricultural Extension Service, Tallahassee (1918-1943).

Barry, David Edward, M.S.E., Instructor in Civil Engineering (1949-1949) (Resigned June 30, 1950).

Bartlett, George Robert, Ph.D. (Chicago), Professor of Philosophy (1947-1949).

Bartley, Ernest R., Ph.D. (California), Assistant Professor of Political Science (1949-1949).

Bartley, Rogers Leroy, B.S.E., Administrative Manager, Agricultural Experiment Station and Agricultural Extension Service (1950-1950).

Barton, Martha Browning, M.A., Curator, College of Architecture and Allied Arts (1950-1950).

Batte, Edward Guy, D.V.M. (Texas A.&M.), Associate Professor of Veterinary Science and Associate Parasitologist, Agricultural Experiment Station (1949-1949).

Battista, Julius Bernard, B.A.E., Assistant Football Coach (1941-1946).

Bau, Daniel Tsuh-Eng, M. Arch., Instructor in Architecture (1949-1949).

Baughan, Denver Ewing, Ph.D. (Yale), Associate Professor of English (1946-1946).

Baughman, George Fechtig, M.A., Business Manager, (1941-1948).

Bault, Roger Quincy, M.A., Assistant Professor of Physical Sciences (1947-1950).

Beal, John Walter, Shop Foreman, College of Engineering (1943-1950).

Beale, Clyde Kenyon, B.A.J., Associate Editor, Agricultural Experiment Station and Agricultural Extension Service (1935-1946).

Beard, Percy Morris, M.S., Associate Professor of Professional Physical Education and Track Coach; Business Manager of Athletics (1936-1949).

Beardsley, Daniel W., B.S., Assistant Animal Husbandman, Everglades Experiment Station (1949-1949) (Resigned September 15, 1950).

Beaty, Robert Colder, M.A., Dean of Men (1925-1948).

Beckenbach, Joseph Riley, Ph.D. (Rutgers), Associate Director, Agricultural Experiment Station (1937-1950).

Becker, Charles Henry, Ph.D. (Florida), Associate Professor of Pharmacy (1947-1947).

Becker, Raymond Brown, Ph.D. (Minnesota), Professor of Dairy Husbandry and Dairy Husbandman, Agricultural Experiment Station (1929-1935).

Beckwith, Stephen Lyon, Ph.D. (Michigan), Assistant Professor of Wildlife Management (1948-1948).

Bedsole, Malcolm R., M.S.A., Assistant in Chemistry, Everglades Experiment Station (1950-1950).

Beecher, Alvah Alden, M.M., Director of Music (1948-1948).

Behrendt, Richard F., Dr. Rer. Pol. (Basel), Professor of Political Science (1951-1951).

Beisler, Walter Herman, D.Sc. (Princeton), Professor of Chemical Engineering and Head of Department (1922-1939).

Bell, Eudorian N., Superintendent of Maintenance (1940-1946).

Bell, Otis, M.A.E., District Supervisor, Vocational Education (1947-1947) (On leave 1950-51).

Bentley, George Robert, Ph.D. (Wisconsin), Associate Professor of Social Sciences and Logic; Counselor (1938-1946).

Bergen, Tallmadge, B.S., Interim Assistant Agricultural Economist, Agricultural Experiment Station (1949-1949).

Bergengren, Roy Frederick, M.A.E., Instructor in Industrial Arts Education (1949-1949).

Berner, Lewis, Ph.D. (Florida), Assistant Professor of Biological Science (1946-1946) (On leave first semester 1950-51).

Berry, Charles Vardaman, B.S.B.A., Assistant Purchasing Agent (1947-1948).

Bevis, Joyce, M.A., Clothing Specialist, Agricultural Extension Service, Tallahassee (1940-1943).

Biggers, Edgar W., M.Ed., Vocational Appraiser, Veterans Guidance Center (1949-1949). (On leave 1950-51).

Biggin, Beverly Basset, B.A., Architect, Office of the Consulting Architect (1949-1949).

Bigham, Truman Cicero, Ph.D. (Stanford), Professor of Economics and Chairman, Committee on Graduate Degrees and Offerings (1930-1931).

Bingham, Ned Eldred, Ph.D. (Columbia), Professor of Secondary Education (1950-1950).

Bishop, John Augustine, M.S. Eng., Assistant Professor of Civil Engineering (1947-1949) (Resigned July 15, 1950).

Black, Alvin Percy, Ph.D. (Iowa), Professor of Chemistry and Head of Department (1919-1949).

Black, John Hunter, M.S.E., Assistant Professor of Education (1947-1947).

Black, Kenneth Leroy, LL.B., Associate Professor of Law (1949-1949).

Blackmon, Gulie Hargrove, M.S.A., Horticulturist and Head of Department, Agricultural Experiment Station (1923-1937).

Blake, Robert George, M.A., Assistant Professor of Mathematics (1943-1949).

Blalock, James Carey, M.A., Interim Instructor in Chemistry (1947-1947) (Resigned June 30, 1950).

Blalock, Lewis Florence, M.A., Associate Registrar and Director of Admissions (1930-1945).

Blanton, Lawton Walker, M.A.E., Assistant Professor of Mathematics and Counselor (1942-1946).

Bledsoe, Roger William, Ph.D. (Iowa), Agronomist, Agricultural Experiment Station (1943-1947).

Bless, Arthur Aaron, Ph.D. (Cornell), Professor of Physics and Director of Bioelectric Potentials Project (1928-1936) (On leave first semester 1950-51).

Block, Herman Henry, C.E., Assistant Professor of Architecture (1949-1949).

Block, Seymour Stanton, Ph.D. (Pennsylvania State), Associate Professor of Chemical Engineering and Associate Research Engineer, Engineering and Industrial Experiment Station (1944-1950).

Blodgett, Ralph Hamilton, Ph.D. (Pennsylvania), Professor of Economics (1950-1950).

Bloomfield, Willie Kate, B.S. in L.S., Reference Assistant, Library (1948-1948).

Blue, William Guard, Ph.D. (Missouri), Assistant Biochemist, Agricultural Experiment Station (1950-1950).

Bode, Boyd Henry, Ph.D. (Cornell), Special Lecturer in Education (1948-1948).

Boggs, James Palmer, B.S.A.E., Assistant Professor of Architecture (1950-1950).

Boldt, Albert Walter, M.A., Assistant Dean of Men (1948-1948).

Bolick, Ralph Eugene, M.A.E., Teacher, P. K. Yonge Laboratory School (1949-1949).

Bolles, Robert Stephen, Ed.D. (Columbia), Associate Professor of Music (1948-1949).

Boney, Katherine McKoy, B.S., Assistant Chemist, Animal Industry, Agricultural Experiment Station (1944-1944).

Boomsliter, George Paul, M.S., Lecturer in Engineering Mechanics (1949-1949).

Boone, Lalia Phipps, M.A., Interim Instructor in English (1949-1949).

Bornman, Casper Samuel, W.O.J.G., Assistant Professor of Military Science and Tactics (1948-1949) (Resigned October 1, 1950).

Borrell, Edward Harley, Dip. Arch. (Dunelm), A.R.I.B.A., A.M.T.P.I., Instructor in Architecture (1949-1949).

Borum, Olin Henry, Ph.D. (North Carolina), Interim Assistant Professor of Cancer Research (1950-1950) (Resigned July 31, 1950).

Boswell, James Harlan, M.A., Associate Professor of Professional Physical Education and Recreation (1947-1947).

Bourke, Norman, M.E., Professor of Mechanical Engineering (1943-1948).

Boutelle, Margaret White, M.A., Instructor in Secondary Education (1934-1950).

Bowen, Francis John, Ph.D. (Florida), Instructor in Chemistry (1947-1950).

Bowers, John Colangelo, M.S., Assistant Chemist, Citrus Experiment Station (1948-1948).

Bowers, Robert Hood, Ph.D. (Yale), Associate Professor of English (1946-1946).

Bowman, Hazel Lois, M.A., Assistant Professor of Correspondence Study, General Extension Division (1948-1948).

Boyd, Clifford Allen, M.Ed., Interim Assistant Professor of Professional Physical Education (1950-1950).

Boyer, William W., M.A., Interim Instructor in Political Science (1950-1950) (Resigned July 31, 1950).

Bracken, Andrew Joseph, M.Ed., Instructor in Required Physical Education (1949-1949).

Bradbury, Robert Wesley, Ph.D. (Michigan), Associate Professor of Economics (1950-1950).

Braddy, Vauncille L., M.B.E., Teacher, P. K. Yonge Laboratory School (1950-1950).

Bradshaw, James Philip, M.S.L.S., Instructor in English (1946-1946).

Brady, Marna Venable, Ed.D. (Columbia), Dean of Women (1948-1948).

Brand, Michael, M.A., Instructor in Economics (1948-1948).

Bransford, Thomas Leroy, C.E., Assistant Professor of Civil Engineering (1948-1948).

Bratley, Homer Eells, M.S.A., Assistant Entomologist, Agricultural Experiment Station (1932-1932).

Bregger, Thomas, Ph.D. (Cornell), Sugar Cane Physiologist, Everglades Experiment Station (1935-1935).

Breese, William Ellis, M.A., Assistant Professor of Marketing (1950-1950).

Bristol, Loris Rood, M.A., Assistant Professor of Counseling, Placement and Graduate Studies in Education (1932-1950).

Brodkorb, Pierce, Ph.D. (Michigan), Associate Professor of Biological Science (1946-1950).

Brohm, Henry Dore, Ph.B., Professor of Marketing (1949-1950).

Bromilow, Frank, M.S., Associate Professor of Civil Engineering (1948-1948).

Brooke, Donald Lloyd, M.S.A., Associate Agricultural Economist, Agricultural Experiment Station (1946-1946).

Brooker, Marvin Adel, Ph.D. (Cornell), Professor of Agricultural Economics and Agricultural Economist, Agricultural Experiment Station (1927-1947).

Brooks, Albert Nelson, Ph.D. (Wisconsin), Plant Pathologist, Strawberry Investigations Laboratory (1926-1941).

Brooks, John Hapgood, III, M.S., Assistant Professor of Horticulture (1948-1948).

Brooks, Mary Reese Land, M.A.E., Instructor in Visual Education, General Extension Division (1947-1947) (Resigned June 30, 1950).

Brown, Albert Eugene, M.S., Interim Instructor in Pharmacognosy and Pharmacology (1950-1950).

Brown, Carl Fraser, Ph.D. (Peabody), Professor of Elementary Education (1949-1950).

Brown, Eadward Murrill, B.A., Vocational Appraiser, Veterans Guidance Center (1950-1950).

Brown, Eugene, M.S., Interim Instructor in Chemistry (1950-1950).

Brown, Ira Donna, M.S.E., Assistant in Research, Engineering and Industrial Experiment Station (1949-1949) (Resigned June 30, 1950).

Brown, Richard DeWitt, B.M., Professor of Music (1920-1947).

Brown, Wilson Forest, Ph.D. (Ohio State), Interim Professor of Chemical Engineering and Interim Research Engineer, Engineering and Industrial Experiment Station (1950-1950).

Brown, Woodrow Wilson, B.S.A., State Boys' Club Agent, Agricultural Extension Service (1943-1950).

Browne, Eleanor Bode, Ph.D. (Ohio State), Professor of Secondary Education (1948-1950).

Broyles, Arthur A., Ph.D. (Yale), Assistant Professor of Physics (1949-1949) (On leave 1950-51).

Broyles, John Franklin, B.S.I.M., Assistant Football Coach (1950-1950).

Brunet, Joseph, Ph.D. (Stanford), Professor of Classical Languages and Head of Department of Foreign Languages (1927-1950).

Brush, Warren David, Ph.D. (American), Instructor in Dendrology (1948-1948).

Bryan, Geraldine Clarke, B.A., Interim Teacher, P. K. Yonge Laboratory School (1950-1950).

Bryant, Fred David, B.A. in L.S., Cataloger, Library (1947-1947) (On leave 1950-51).

Buckhannan, Margaret B., R.N., School Nurse, P. K. Yonge Laboratory School (1945-1945).

Bugg, Sterling Lowe, M.S.C.E., Assistant Professor of Civil Engineering (1948-1949).

Bunting, Donald Charles, B.A., Assistant Professor of Electrical Engineering and Physical Sciences (1948-1949).

Burdge, John Milton, B.S., Lt. Colonel, Field Artillery, Assistant Professor of Military Science and Tactics (1948-1948) (Resigned August 31, 1950).

Burgis, Donald Stafford, M.S.A., Assistant Horticulturist, Vegetable Crops Laboratory, (1946-1946).

Burney, Harold Wesley, B.M.E., Assistant Research Engineer, Engineering and Industrial Experiment Station (1947-1948).

Burrus, John Newell, Ph.D. (Louisiana State), Interim Assistant Professor of Sociology (1950-1950).

Busby, Joe Neil, B.S.A., Assistant Boys' 4-H Club Agent, Agricultural Extension Service (1947-1949).

Bushong, Charles Cecil, B.S., Assistant Professor of Field Organization, General Extension Division (1947-1949).

Bussell, William Harrison, B.M.E., Assistant in Research, Engineering and Industrial Experiment Station (1948-1948).

Butler, George Bergen, Ph.D. (North Carolina), Assistant Professor of Chemistry (1946-1947).

Byers, Charles Francis, Ph.D. (Michigan), Professor of Biology; Professor of Biological Science and Head of Department (1927-1942).

Calaway, Wilson Thayer, B.S., Assistant Professor of Civil Engineering (1946-1948).

Caldwell, Robert Edward, M.S.A., Assistant Professor of Soils and Assistant Soil Surveyor, Agricultural Experiment Station (1941-1948).

Calhoun, Eunice Zipperer, M.A.E., Teacher, P. K. Yonge Laboratory School (1944-1944).

Callender, William F., LL.B., Interim Director, Bureau of Statistics and Visiting Lecturer in Agricultural Statistics (1950-1950).

Calohan, Carl E., M.S., Instructor in Economics (1949-1949).

Cambel, Perihan, M.D. (Istanbul), Associate Professor of Cancer Research (1949-1949).

Cameron, Edith McBride, B.J., Associate Professor of Women's Activities and Head of Department, General Extension Division (1927-1944).

Camp, Arthur Forrest, Ph.D. (Washington), Vice Director in Charge, Citrus Experiment Station (1923-1944).

Camp, Louie Thomas, B.A., Instructor in Education and Undergraduate Counselor (1948-1948).

Canell, Daphne S., M.A., Head Dietitian (1949-1949).

Capretz, Pierre J., Doctorate de l'Universite de Paris, Instructor in French (1949-1949).

Carleton, William Graves, J. D., Professor of Social Sciences and Head of Department (1927-1940).

Carlisle, Victor Walter, B.S.A., Assistant Soil Surveyor, Agricultural Experiment Station (1947-1947).

Carr, Archie Fairly, Ph.D. (Florida), Professor of Biological Science (1937-1949).

Carrigan, Richard Alfred, Ph.D. (Cornell), Professor of Soils and Biochemist, Agricultural Experiment Station (1938-1948).

Carroll, Ralph E., B.S., Assistant Research Engineer, Engineering and Industrial Experiment Station (1940-1946).

Carroll, William Richard, Ph.D. (Minnesota), Professor of Bacteriology (1927-1941).

Carson, Robert Emmett, Ph.D. (Michigan), Professor of Humanities (1946-1946).

Carter, Bonnie J., B.S., Home Improvement Specialist, Agricultural Extension Service, Tallahassee (1936-1948).

Carter, Lilly Isabelle, B.A.E., Head of Order Department, Library (1943-1944).

Carter, Sydney, M.C.R.P., A.I.A., Assistant Professor of Architecture (1948-1949).

Carver, William Angus, Ph.D. (Iowa State), Associate Agronomist, Agricultural Experiment Station (1925-1931).

Case, Fred Ewing, M.B.A., Interim Assistant Professor of Real Estate (1950-1950).

Causey, Evelyn Lumbley, M.A., Instructor in Education (1948-1948) (Resigned August 31, 1950).

Chace, James Edward, Ph.D. (Chicago), Professor of Real Estate and Head of Department (1930-1946).

Chandler, Harley Willard, M.S., Dean of the University (1923-1939).

Chapman, Willis Harleston, M.S., Associate Agronomist, North Florida Experiment Station (1942-1945).

Cheney, Max Wilton, M.A.E., Teacher, P.K. Yonge Laboratory School (1947-1947) (On leave 1950-51).

Cherry, Henry Spurgeon, M.S., Associate Professor of Physical Education and Head, Department of Intramurals (1942-1946).

Childers, George Henry, B.S.M.E., Assistant in Research, Engineering and Industrial Experiment Station (1948-1948).

Childers, William C., M.A., Interim Instructor in English (1950-1950).

Choate, Rush Edgar, B.S., Assistant Professor of Agricultural Engineering and Assistant Agricultural Engineer, Agricultural Experiment Station (1947-1947).

Chotas, Nicholas E., B.S. Arch., Assistant Professor of Architecture (1949-1949).

Clark, Fred A., B.S., Assistant Agronomist, Agricultural Experiment Station (1940-1940).

Clark, Vernon Wilmot, LL.B., Professor of Law (1946-1946).

Clark, Washington Augustus, M.A., Assistant Professor of English (1931-1937).

Clayton, Harold Gray, M.S.A., Director of the Agricultural Extension Service (1917-1947).

Clemenzi, Robert Louis, B.S.B.C., Instructor in Architecture (1948-1948) (Resigned August 31, 1950).

Cleveland, Max Jean, B.S., Interim Instructor in Mathematics (1949-1949) (Resigned June 30, 1950).

Clinard, Anne Boegholt, B.A., Interim Director of Florida Union (1949-1950).

Clover, George William, Head Cashier (1946-1948).

Cobin, Milton, B.S., Associate Horticulturist, Subtropical Experiment Station (1947-1947).

Codding, Jack L., B.C.S., C.P.A. (Georgia), Instructor in Accounting (1950-1950).

Cody, Ioleen Yvonne, M.A., Interim Instructor in English (1950-1950).

Cody, Madison Derrell, M.A., Professor of Botany (1919-1939).

Coleman, Arthur M., M.A., Head Freshman Football Coach (1950-1950).

Collins, Ernest Clifford, M.B.A., Assistant Professor of Latin American Trade (1948-1948).

Colonneso, Catherine, B.A. in L.S., Interim Documents Assistant, Library (1950-1950).

Comins, Harrison Durgin, M.S., Assistant Professor of Civil Engineering (1946-1946).

Cone, Albertus Jennings, LL.B., Assistant Professor of Law (1950-1950).

Congleton, James Edmund, Ph.D. (North Carolina), Professor of English (1937-1946).

Conner, Frederick William, Ph.D. (Pennsylvania), Professor of English (1935-1948).

Conover, Robert Armine, Ph.D. (Illinois), Plant Pathologist, Subtropical Experiment Station (1947-1948).

Constans, Henry Philip, M.A., Professor of Speech and Head of Department (1929-1937).

Coogle, Esther, M.S., Artist and Research Assistant, College of Agriculture and College of Arts and Sciences (1946-1946).

Cooper, Bryant Syms, Ph.D. (Vanderbilt), Professor of Humanities (1946-1946) (On leave first semester, 1950-51).

Cooper, John Francis, M.S.A., Editor, Agricultural Experiment Station and Agricultural Extension Service (1925-1925).

Covington, Harrison Wall, B.F.A., Instructor in Art (1949-1949).

Cowan, Russell Walter, Ph.D. (California), Associate Professor of Mathematics (1947-1947).

Cowperthwaite, William Gardner, Ph.D. (Rutgers), Assistant Horticulturist, Vegetable Crops Laboratory (1950-1950).

Cox, Donald William, Ed.D. (Columbia), Instructor in Education (1948-1948).

Cox, Ernest Haynes, Ph.D. (North Carolina), Professor of English and Logic; Counselor (1947-1947).

Crabtree, Frederick Howard, B.S., Associate Professor of Civil Engineering (1948-1948).

Crago, Alfred, Ph.D. (Iowa), Head, Veterans Guidance Center (1929-1945) (Retired June 30, 1950).

Craps, John Ellis, M.A., Instructor in German (1939-1946) (On leave 1950-51).

Crawford, Charles Merle, M.S., Instructor in Marketing (1949-1949).

Crawford, Wayne Hulbert, Ed.D. (Columbia), Associate Professor of Professional Physical Education (1949-1949).

Creighton, John Thomas, Ph.D. (Ohio State), Professor of Entomology and Head of Department (1929-1937).

Cresap, Ida Keeling, Librarian, Agricultural Experiment Station (1923-1923).

Crevasse, Joseph M., M.S.A., Superintendent of Grounds (1947-1947).

Crews, James William, M.A.E., Instructor in Secondary Education (1948-1948).

Crist, George William, B.A., Associate Professor of Insurance (1950-1950).

Cross, Clark Irvin, Ph.D. (Washington), Instructor in Geography and Physical Sciences (1949-1949).

Crowson, Herbert, B.S., Interim Instructor in Physical Sciences (1946-1946) (Resigned June 30, 1950).

Crutcher, George Lee, M.A.E., Associate Professor of Visual Instruction and Interim Head of Department, General Extension Division (1946-1946) (On leave 1950-51).

Cruz, Orlando Earl, B.S.A., Assistant Soil Surveyor, Agricultural Experiment Station (1949-1949).

Cumbee, Carroll Fleming, M.A.E., Associate Professor of Foundations of Education (1936-1946).

Cummings, Robert Jay, M.S.E., Assistant Professor of Industrial Engineering (1947-1948).

Cunha, Tony Joseph, Ph.D. (Wisconsin), Professor of Animal Husbandry and Head of Department; Animal Husbandman and Head of Department, Agricultural Experiment Station (1948-1950).

Cunkle, Arthur Lee, Ph.D. (Virginia), Assistant Professor of Economics (1948-1948).

Cutler, Ronald John, M.A., Assistant Professor of English (1946-1949).

Cutts, Charles Eugene, Ph.D. (Minnesota), Associate Professor of Civil Engineering and Associate Research Engineer, Engineering and Industrial Experiment Station (1950-1950).

Dale, Leon Andrew, Ph.D. (Wisconsin), Assistant Professor of Labor Economics (1949-1949) (Resigned September 3, 1950).

Danburg, Russell Laverne, M.M., Associate Professor of Music (1948-1949).

D'Angio, Claude James, B.A., Assistant Chemist, Everglades Experiment Station (1949-1949) (Resigned August 31, 1950).

Daniels, Stuart Russell, M.S.C.E., Interim Instructor in Civil Engineering (1950-1950).

Dashiell, John Frederick, Ph.D. (Columbia), Visiting Professor of Psychology (1950-1950) (Resigned June 6, 1950).

Dauer, Manning Julian, Ph.D. (Illinois), Professor of Political Science and Head of Department (1933-1950).

DaVault, James W., Ph.D. (Columbia), Professor of Accounting (1947-1947).

Davidson, Robert Franklin, Ph.D. (Yale), Professor of Humanities and Head of Department (1946-1946).

Davis, George Kelso, Ph.D. (Cornell), Professor of Animal Nutrition and Animal Nutritionist, Agricultural Experiment Station (1942-1942).

Davis, John Henry, Ph.D. (Chicago), Professor of Botany (1946-1946) (On leave first semester, 1950-51).

Dawkins, Mather Emory, M.S.E., Supervisor, Sewage Treatment Plant (1948-1948).

Dawson, William Brown, B.A., Major, Field Artillery, Assistant Professor of Military Scence and Tactics (1950-1950).

Day, James Westbay, J.D., Professor of Law (1921-1930).

Day, Richard L., M.A., Instructor in Geography (1950-1950).

Dean, George Warren, C.E., Lecturer in Civil Engineering (1948-1948).

DeBruyn, John William, M.A., Assistant Professor of Music (1926-1926).

Decker, Phares, Ph.D. (Cornell), Plant Pathologist, Agricultural Experiment Station (1942-1948).

Deinzer, Harvey T., Ph.D. (Michigan), C.P.A. (Michigan), Professor of Accounting (1947-1949).

Dellastatious, Joseph William, M.S.Ed., Instructor in Required Physical Education and Golf Coach (1948-1948).

Delony, Dexter, LL.M., Associate Professor of Law (1948-1948).

Dennis, Robert Solomon, B.S.A., Administrative Officer, Production and Marketing Administration, Agricultural Extension Service (1927-1947).

Dennison, Raymond Alexander, Ph.D. (Iowa), Associate Horticulturist, Agricultural Experiment Station (1945-1945).

Dent, John Adlum, M.E., Lecturer in Mechanical Engineering (1946-1950).

Deszyck, Edward John, Ph.D. (Purdue), Associate Horticulturist, Citrus Experiment Station (1950-1950).

Deskins, Andrew J., B.S., Vocational Appraiser, Veterans Guidance Center (1950-1950).

Diamant, Alfred, M.A., Instructor in Political Science (1950-1950).

Dickey, Dallas Claude, Ph.D. (Louisiana State), Professor of Speech (1946-1950).

Dickey, Ralph Davis, M.S.A., Assistant Horticulturist, Agricultural Experiment Station(1927-1933).

Dickinson, James Edward, M.S.F., Instructor in Silviculture (1950-1950).

Dickinson, Joshua Clifton, Ph.D., (Florida), Assistant Professor of Biology (1946-1950).

Dickison, Raymond Robinson, M.S., Assistant Director of Libraries; Associate Professor of Library Science (1947-1949).

Dierlam, Robert Jackson, Ph.D. (Cornell), Assistant Professor of Speech (1948-1948).

Diettrich, Sigismond deRuedesheim, Ph.D. (Clark) D.Sc. (Royal Hungarian Palatine-Joseph), Professor of Geography and Head of Department (1931-1945).

Dietz, John Wamser, M.A., Professor of Finance, Part time (1940-1946).

Dillon, Robert Morton, B.Arch., Instructor in Architecture (1950-1950).

Dixon, James Cannon, Ph.D. (North Carolina), Associate Professor of Psychology (1949-1949).

Doherty, Herbert J., M.A., Interim Instructor in Social Sciences (1949-1949) (Resigned June 15, 1950).

Dolbeare, Harwood Burrows, B.A., Professor of Economics (1927-1942).

Donovan, Clement Harold, Ph.D. (North Carolina), Professor of Economics (1940-1948).

Dostal, Bernard Francis, M.A., Associate Professor of Mathematics (1927-1949).

Doty, Franklin Ahasuerus, Ph.D. (Iowa), Assistant Professor of Social Sciences (1946-1946).

Dovell, Junius Elmore, Ph.D. (North Carolina), Assistant Professor of Political Science and Social Sciences (1946-1947).

Dow, Andrew N., M.A., Interim Instructor in Psychology (1949-1949).

Dowd, David Lloyd, Ph.D. (California), Assistant Professor of History (1949-1949).

Drake, Chester Warren, B.S.E.E., Lecturer in Electrical Engineering (1948-1949).

Driggers, Corlis Jefferson, M.A., Vocational Appraiser, Veterans Guidance Center (1949-1949) (Resigned August 31, 1950).

Driggers, James Clyde, Ph.D. (Florida), Associate Professor of Poultry Husbandry and Associate Poultry Husbandman, Agricultural Experiment Station (1939-1949).

Ducharme, Ernest P., M.S., Associate Plant Pathologist, Citrus Experiment Station (1946-1946) (On leave first semester 1950-51).

Duckworth, Frank A., LL.B., Assistant Professor of Pharmacy (1948-1950).

Duer, Margaret Dickinson, B.S. in L.S., Head of Circulation Department, Library (1941-1945).

Duncan, James Moyer, M.S. in Ch.E., Assistant Professor of Chemical Engineering (1948-1948).

Dunkle, John R., B.A.E., Instructor in Physical Sciences (1949-1949).

Dunn, Charlotte Delia, M.A., Instructor in Education (1934-1949) (Retired June 30, 1950).

Dunson, William Martin, Superintendent of Conservation Reserve (1939-1939).

Durrance, Charles Livingston, Jr., Ed.D. (Columbia), Associate Professor of Secondary Education and Community Coordinator (1940-1950).

Durrance, John R., M.A., Interim Instructor in Psychology (1949-1949).

Dusenbury, Delwin Bennett, Ph.D. (Minnesota), Assistant Professor of Speech (1947-1947).

Dyer, Donald Ray, Ph.D. (Northwestern), Assistant Professor of Geography (1950-1950).

Eaton, William Brownlow, M.Arch., Assistant Professor of Architecture (1948-1948).

Ebaugh, Newton Cromwell, M.S., Professor of Mechanical Engineering and Head of Department (1935-1935) (Resigned July 31, 1950).

Eddins, Authur Hamner, Ph.D. (Iowa State), Plant Pathologist in Charge, Potato Laboratory (1928-1937).

Edmondson, Cornelia, M.S., Instructor in Required Physical Education (1948-1948).

Edson, Charles Grant, M.S.Eng., Assistant Professor of Engineering Mechanics (1946-1946).

Edwards, Naomi Louise, B.S. in L.S., Head of Reference Department, Library, and Assistant Professor of Library Science (1943-1949) (Resigned September 15, 1950).

Edwards, Richard Archer, Ph.D. (North Carolina), Professor of Geology and Interim Head of Department (1940-1948).

Eggert, Chester Lee, M.A., Director, P. K. Yonge Laboratory School (1948-1948).

Ehninger, Douglas Wagner, Ph.D. (Ohio State), Assistant Professor of Speech (1950-1950).

Ehrmann, Winston Wallace, Ph.D. (Yale), Professor of Sociology and Physical Sciences, Marriage Counselor (1938-1946).

Eibner, John R., B.A., Assistant Football Coach (1950-1950).

Eikel, Fred, M.A., Interim Instructor in English (1949-1949) (Resigned June 15, 1950).

Eldridge, John Grady, M.A., Professor of Economics (1925-1935).

Ellerbe, Helen Cubberly, B.A. in L.S., Interim Cataloger, Library (1950-1950).

Elliott, Leonard Paul, Ph.D. (Kansas), Associate Professor of Physical Sciences (1948-1948).

Ellis, David, Ph.D. (Missouri), Assistant Professor of Mathematics (1950-1950).

Elmore, William Earl, B.S., General Auditor (1950-1950).

Elvin, Evert Joseph, B.S., Interim Assistant Horticulturist, Citrus Experiment Station (1950-1950).

Emerson, David Lee, M.S., Assistant Research Engineer, Engineering and Industrial Experiment Station (1944-1944).

Emerson, Robert L., Ph.D. (Wisconsin), Associate Professor of Bacteriology (1948-1948).

Emig, Elmer Jacob, M.A., Professor of Journalism (1927-1949).

Emmel, Mark Wirth, D.V.M., (Iowa), Professor of Veterinary Science and Veterinarian, Agricultural Experiment Station (1933-1949).

Emory, Charles William, M.B.A., Assistant Professor of Marketing (1948-1949).

Eno, Charles Franklin, M.S., Assistant Soil Microbiologist, Agricultural Experiment Station (1950-1950).

Enzor, Joe Kendrie, B.S.A., Assistant in Entomology-Pathology, Citrus Experiment Station (1950-1950).

Epps, Charles Klein, B.S., Major, Infantry, Assistant Professor of Military Science and Tactics (1949-1949).

Erwin, Thomas Church, Assistant Chemist, Everglades Experiment Station (1943-1945).

Eshleman, Silas Kendrick, J.D., M.E., Associate Professor of Industrial Engineering (1922-1943).

Eutsler, Roland Byerly, Ph.D. (Pennsylvania), Associate Dean of the College of Business Administration and Professor of Economics (1935-1949).

Fagen, William Frederick, M.S., Associate Professor of Electrical Engineering (1947-1949).

Fagin, W. Barry, Ph.D. (Columbia), Head, Veterans Guidance Center and Assistant Professor of Education (1950-1950).

Fain, John Tyree, Ph.D. (Vanderbilt), Associate Professor of English (1947-1947).

Fairing, Robert Lewis, Ph.D. (Pittsburgh), Associate Professor and Interim Head of Department of Citizenship Training, General Extension Division (1947-1949).

Faulds, Betty Bell, M.A., Instructor in Required Physical Education (1950-1950).

Faville, Louis W., Ph.D. (Michigan State), Assistant Chemist, Citrus Experiment Station (1948-1948).

Fawcett, Mary Solte, B.A.E., Teacher-Dietitian, P. K. Yonge Laboratory School Cafeteria (1937-1937).

Fearney, Edward Maurice, B. Arch., A.I.A., Assistant Professor of Architecture (1946-1948).

Fenn, Henry Anderson, LL.B., Dean of the College of Law and Professor of Law (1948-1948).

Fernandez, Pedro Villa, M.A., Associate Professor of Spanish (1947-1947).

Feurt, Seldon Dick, B.S.P., Interim Instructor in Pharmacy (1950-1950).

Fifield, Willard Merwin, M.S., Director of the Agricultural Experiment Station (1932-1950).

Finneran, Thomas Charles, Captain, Field Artillery, Assistant Professor of Military Science and Tactics (1949-1949).

Firmage, David Allen, M.S., Associate Professor of Civil Engineering (1947-1950).

Fisher, Francine, M.S., Assistant Plant Pathologist, Citrus Experiment Station (1946-1946).

Flagg, Norman Byron, B.S. Arch., Assistant Professor of Architecture (1946-1946).

Flanigan, Frank McChesney, B.S.M.E., Assistant in Research, Engineering and Industrial Experiment Station (1947-1947).

Flowers, John Wilson, Ph.D. (Virginia), Associate Professor of Physics (1947-1947).

Floyd, Joseph S., Ph.D. (North Carolina), Assistant Professor of Finance (1950-1950).

Fogle, Stephen Francis, Ph.D. (Illinois), Associate Professor of English (1946-1946).

Fogleman, William Harry, M.A.E., Assistant Professor of Required Physical Education and Tennis Coach (1948-1949).

Folks, Solomon John, M.S.A., Assistant Professor of Animal Husbandry and Assistant Animal Husbandman, Agricultural Experiment Station (1946-1946).

Foote, Perry Albert, Ph.D. (Wisconsin), Dean of the College of Pharmacy and Professor of Pharmacy; Director, Bureau of Professional Relations (1928-1949).

Forbes, Richard B., M.S.A., Interim Assistant Professor of Soils (1948-1949).

Ford, Ernest S., Ph.D. (Chicago), Professor of Botany (1947-1949).

Ford, Harry W., Ph.D. (Ohio State), Assistant Horticulturist, Citrus Experiment Station (1950-1950).

Forsee, William Thomas, Ph.D. (Florida), Chemist, Everglades Experiment Station (1937-1946).

Foster, Charles Richard, Ed.D. (Harvard), Professor of Education and Head, Counseling, Placement and Graduate Studies in Education (1947-1947).

Foster, Frederick Douglas, B.A.H.Pl., Superintendent of Infirmary (1946-1948).

Foster, William Floyd, B.S., Lt. Colonel, Transportation Corps, Assistant Professor of Military Science and Tactics (1948-1948).

Fouts, Everett Lincoln, Ph.D. (Iowa State), Professor of Dairy Husbandry and Dairy Manufactures and Head of Department; Head, Department of Dairy Husbandry and Dairy Manufactures, Agricultural Experiment Station (1940-1949).

Fowler, Talbert B., LL.B., Assistant Law Librarian (1949-1949).

Fox, George Gillespie, Ph.D. (Princeton), Professor of Philosophy and Head of Department (1939-1946) (Resigned July 5, 1950).

Fox, Lauretta Ewing, Ph.D. (Illinois), Assistant Professor of Pharmacognosy and Pharmacology (1949-1949).

Frash, Edwin Stanton, M.E., Assistant Professor of Mechanical Engineering (1934-1941).

Frazer, Percy Warner, M.F., Associate Professor of Forest Management (1936-1949).

Freeman, George R., B.S.A., Superintendent of Field Operations, Agricultural Experiment Station (1950-1950).

French, A. Lee, M.Ag., Instructor in Agricultural Economics (1948-1948).

French, Rowland Barnes, Ph.D. (Iowa), Biochemist, Agricultural Experiment Station (1935-1943).

Freyburger, Stewart Walter, M.S., Instructor in Pharmacology and Pharmacognosy (1950-1950).

Friedmann, Walter J., M.S.A., Interim Assistant Biochemist, Agricultural Experiment Station (1949-1949) (Resigned July 31, 1950).

Fristoe, Charles Wesley, Ph.D. (Illinois), Assistant Professor of Economics (1950-1950).

Fullager, William Alfred, M.A., Assistant Professor of Secondary Education (1948-1948) (On leave 1950-51).

Fuller, David Dowd, B.S., Baseball Coach (1946-1946).

Funk, Arthur Layton, Ph.D. (Chicago), Associate Professor of Social Sciences (1946-1946) (On leave 1950-51).

Gaddum, Leonard William, Ph.D. (Missouri), Professor of Physical Sciences and Head of Department (1926-1939).

Gager, William Atkins, Ph.D., (Peabody), Professor of Mathematics (1942-1949).

Gaitanis, Louis Andrew, LL.B., Assistant Professor of Business Law and Social Insurance; Chairman of Placement Service for College of Business Administration (1946-1946).

Gallagher, Frank Joseph, Captain, Air Force, Assistant Professor of Air Science and Tactics (1948-1948).

Gallatin, Melvin Herman, B.S.A., Cooperative Soil Conservationist, Subtropical Experiment Station (1947-1947).

Gallentine, Donal Ogden, B.M.E., Assistant in Research, Engineering and Industrial Experiment Station (1946-1946) (On leave 1950-51).

Gammon, Nathan, Ph.D. (Ohio State), Soils Chemist, Agricultural Experiment Station (1946-1946).

Gardner, Henry Robert, B.A.A., Instructor in Art (1949-1949).

Garris, Edward Walter, Ph.D. (Peabody), D.Sc. (Clemson), Professor of Education and Head of Agricultural Education (1927-1927).

Gehan, Frederick Edward, M.A.E., Assistant Professor of English (1946-1946).

Geltz, Charles Gottlieb, M.S.F., Professor of Silviculture (1946-1946).

Gemmer, Eugene W., M.F., Assistant Professor of Forestry and Interim Superintendent of State Ranger School (1949-1949).

Genovar, Frank Dennis, Instructor in Required Physical Education and Swimming Coach (1929-1946).

Genung, William Gordon, B.S.A., Assistant Entomologist, Everglades Experiment Station (1949-1949).

George, Betty Mae, M.A.E., Instructor in Required Physical Education (1949-1949).

Gibb, David R., M.E., Fiber Technologist, Everglades Experiment Station (1950-1950).

Gilbert, Seymour George, Ph.D. (Rutgers), Interim Instructor in Chemistry (1947-1947).

Gill, Don, Head Trainer, Intercollegiate Athletics (1949-1949) (Resigned August 15, 1950).

Gillespie, Joe Gill, B.S., Lt. Colonel, Air Force, Professor of Air Science and Tactics (1946-1946) (Resigned May 31, 1950).

Gilman, Robert Louis, B.S.A., Assistant in Agronomy, Agricultural Experiment Station (1950-1950).

Gilmore, Alvan Ray, M.F., Interim Instructor in Forestry (1950-1950).

Glasscock, Raymond Sylvester, Ph.D. (Illinois), Professor of Animal Husbandry and Animal Husbandman, Agricultural Experiment Station (1942-1944).

Glunt, James David, Ph.D. (Michigan), Professor of History (1923-1938).

Godwin, Marshall Reid, Ph.D. (Cornell), Associate Professor of Agricultural Economics (1950-1950).

Goen, Oliver Forrest, D.V.M. (Texas A.&M.), Animal Husbandman, Agricultural Extension Service (1949-1950).

Goethe, Sam Paul, M.E., Director of Plant and Grounds and Campus Engineer (1942-1949) (Resigned July 31, 1950).

Goette, William Louis, M.A.E., Teacher, P.K. Yonge Laboratory School (1934-1936).

Goetz, Ruth Lois, M.A., Associate Resident, Mallory Hall (1950-1950).

Goggin, John M., Ph.D. (Yale), Associate Professor of Sociology and Anthropology (1948-1948).

Goin, Coleman Jett, Ph.D. (Florida), Assistant Professor of Biological Science (1942-1948).

Golz, Walter Alphonse, M.A., Assistant Professor of Music (1949-1949).

Good, Merrill Roy, M.S., Professor of Industrial Engineering (1948-1948) (Resigned September 15, 1950).

Goodwin, Frank, Ph.D. (Pennsylvania), Professor of Marketing (1947-1949).

Gordon, Morton M., Ph.D. (Washington), Interim Instructor in Physics (1950-1950).

Gormsen, Svend Theodore, M.S., Instructor in Mathematics (1947-1947).

Goyder, Cecil William, B.S., Assistant Research Engineer, Engineering and Industrial Experiment Station (1948-1948) (Resigned May 31, 1950).

Graeffe, Arnold Didier, Ph.D. (Berlin), Associate Professor of Humanities (1948-1948).

Gramling, Lea Gene, Ph.D. (Florida), Associate Professor of Pharmaceutical Chemistry (1946-1949).

Grand, John Louis Rochon, M.A., A.I.A., Professor of Architecture and Head of Department; Head, University Center of the Arts (1937-1948).

Grantham, George Richard, M.S., Associate Professor of Civil Engineering (1947-1950).

Gratz, Levi Otto, Ph.D. (Cornell), Assistant Director, Research, Agricultural Experiment Station (1923-1943).

Grazier, Robert T., M.A., Assistant Professor of Library Science and Assistant to Director of Libraries (1950-1950).

Gray, Leon Archibald, M.A.E., Assistant Professor of Off-Campus Instruction (1941-1948).

Greaves-Walker, Arthur Frederick, D.Sc. (Alfred), Lecturer in Ceramic Engineering, Engineering and Industrial Experiment Station (1946-1949).

Green, Eleanor Kuhlman, M.A.E., Instructor in Elementary Education (1938-1948).

Green, Roy Nathaniel, B.S., Instructor in Art, Part time (1950-1950).

Green, Warren Emmett, M.A., Instructor in English (1946-1946).

Greene, Calvin Clay, M.S.M.E., Director of Plant and Grounds and Campus Engineer (1950-1950).

Greene, Robert Edward Lee, Ph.D. (Cornell), Professor of Agricultural Economics and Agricultural Economist, Agricultural Experiment Station (1948-1948).

Greenman, John Roosevelt, B.S.A., Professor of Agricultural Economics (1939-1945) (On leave 1950-51).

Gregory, Jesse Owen, B.S.E.E., Lt. Colonel, Air Force, Assistant Professor of Air Science and Tactics (1950-1950).

Greiner, John William, M.A., Instructor in Physical Sciences (1950-1950).

Grennell, Myron Gaylord, B.S.A., Assistant Agronomist, Agricultural Experiment Station (1948-1948).

Griffin, Robert Cushman, B.S.J., Instructor in Field Representation, General Extension Division (1949-1949).

Griffith, Leon O., B.A.J., Assistant Editor, Agricultural Experiment Station and Agricultural Extension Service (1950-1950)

Griffith, Mildred Mason, Ph.D. (California), Assistant Professor of Biological Sciences (1950-1950).

Griffiths, Austin, B.S., Interim Assistant in Horticulture, Agricultural Experiment Station (1950-1950).

Griffiths, James Thompson, Ph.D. (Ohio State), Associate Entomologist, Citrus Experiment Station (1946-1946).

Grigsby, Mac G., B.A., Safety Inspector and Custodian of Buildings (1948-1950).

Grobman, Arnold Brams, Ph.D. (Rochester), Assistant Professor of Biology (1946-1946).

Gropp, Armin Henry, Ph.D. (Oregon), Assistant Professor of Chemistry (1947-1948).

Gross, Herbert Michael, B.S., Interim Instructor in Pharmacy (1949-1949) (Resigned June 30, 1950).

Groth, John Henry, Ph.D. (Washington), Professor of Humanities (1946-1946).

Guistwhite, Jack Cole, B.S.B.A., Tabulating Supervisor, Office of the Registrar, (1947-1947).

Guiteras, George G., M.D. (Pennsylvania), University Physician (1949-1949).

Gumpper, Faye Louise, M.S., Head Resident, Grove Hall (1950-1950).

Gurd, Bruce E., M.A., Head Resident, Weaver Hall (1950-1950).

Gutman, Helmut Rudolf, M.D. (Goettingen), Assistant Professor of Cancer Research (1950-1950).

Hadlock, Edwin Harold, Ph.D. (Cornell), Associate Professor of Mathematics (1948-1948).

Hagerman, Robert Scott, M.S. Eng., Assistant Research Engineer, Engineering and Industrial Experiment Station (1948-1948) (Resigned June 30, 1950).

Haines, Lewis Francis, Ph.D. (Michigan), Professor of Humanities and Director of the University of Florida Press (1941-1950).

Hale, Lester Leonard, Ph.D. (Louisiana State), Professor of Speech (1935-1949).

Hall, Chesley Barker, Ph.D. (Cornell), Assistant Horticulturist, Agricultural Experiment Station (1950-1950).

Halladay, Daniel Whitney, M.A., Assistant Professor of Professional Physical Education (1947-1948).

Halsey, Lawrence Henry, M.S.A., Assistant Horticulturist, Agricultural Experiment Station (1948-1948).

Hamblen, Charles Hillen, M.A.E., Instructor in Secondary Education (1947-1947) (On leave 1950-51).

Hamilton, Henry Glenn, Ph.D. (Cornell), Professor of Agricultural Economics and Head of Department; Agricultural Economist and Head of Department, Agricultural Experiment Station (1923-1950).

Hamilton, Jefferson Merritt, B.S. Arch., A.I.A., Consulting Architect (1947-1948).

Hammond, Eugene Ashby, Ph.D. (North Carolina), Associate Professor of Social Sciences (1942-1946).

Hammond, Joyce, M.A., Teacher, P.K. Yonge Laboratory School (1949-1949).

Hammond, Luther C., Ph.D. (Iowa State), Assistant Professor of Soils (1950-1950).

Hampson, Charles Marlowe, M.S., Professor of Agricultural Extension and Economist, Agricultural Extension Service (1937-1950).

Hand, Will Mason, M.A.E., Vocational Appraiser, Veterans Guidance Center (1950-1950).

Hanna, Loyd G., LL.B., Captain, Transportation Corps, Assistant Professor of Military Science and Tactics (1949-1949).

Hanna, Paul Lamont, Ph.D. (Stanford), Professor of Social Sciences (1939-1946).

Hanson, Bernard Allen, M.A., Instructor in Humanities (1947-1947) (On leave 1950-51).

Hanson, Harold Palmer, Ph.D. (Wisconsin), Assistant Professor of Physics (1948-1949).

Hanson, Warren Durward, Ph.D. (Purdue), Assistant Professor of Agronomy (1949-1949).

Hardy, Frederick Knowlton, Ph.D. (Wisconsin), Associate Professor of Marketing (1948-1948).

Harkness, Donald Ray, M.A., Interim Instructor in English (1950-1950).

Harkness, Roy Wendell, Ph.D. (California), Assistant Chemist, Subtropical Experiment Station (1945-1945).

Harlan, William Edwards, M.A.E., Instructor in Required Physical Education (1949-1949).

Harlow, Justin Edwards, M.A., Head, Bureau of Vocational Guidance and Mental Hygiene (1948-1950).

Harman, Willis W., Ph.D. (Stanford), Associate Professor of Electrical Engineering (1949-1949).

Harris, Henry Clayton, Ph.D. (Cornell), Agronomist, Agricultural Experiment Station (1943-1947) (On leave first semester 1950-51).

Harris, Kenneth Albert, B.S.A., Assistant Agricultural Engineer, Everglades Experiment Station (1950-1950) (Resigned September 30, 1950).

Harris, Lawrence Arnold, D.Sc. (M.I.T.), Associate Professor of Electrical Engineering and Associate Research Engineer, Engineering and Industrial Experiment Station (1950-1950).

Harrison, John A., Ph.D. (California), Assistant Professor of History (1949-1950).

Hart, Freeman Hansford, Ph.D. (Columbia), Associate Professor of Humanities (1946-1950).

Hart, Thomas Alonzo Edward, Ph.D. (Michigan), Associate Professor of Humanities (1946-1946).

Hartmann, Frederick H., Ph.D. (Princeton), Assistant Professor of Political Science (1948-1948).

Harvin, Richard Lawson, M.Ch.E., Assistant Professor of Chemical Engineering (1947-1947).

Haupt, Charles S., B.S.P., Associate Director, Bureau of Professional Relations, College of Pharmacy (1950-1950).

Hauser, Francis Leopold, Dr. Jur. (Vienna) M.P.A. (New York), Associate Professor of Real Estate (1949-1949).

Hawk, Miriam Elah, B.A. in L.S., Periodicals Assistant, Library (1949-1949).

Hawkins, Harold Mills, M.S.Ch.E., Assistant Professor of Chemical Engineering (1946-1946).

Hawkins, John Erskine, Ph.D. (Pennsylvania), Professor of Chemistry and Director of Naval Stores Research (1935-1944).

Hayes, Francis Clement, Ph.D. (North Carolina), Associate Professor of Spanish (1946-1946).

Haynie, John Dale, B.S.A., Apiculturist, Agricultural Extension Service (1947-1947).

Hayslip, Norman Calvin, B.S.A., Associate Entomologist, Everglades Experiment Station (1943-1947).

Heath, Fred Harvey, Ph.D. (Yale), Professor of Chemistry (1923-1925).

Heck, Robert Warren, B.A., Instructor in Architecture (1949-1949).

Held, Ray Eldred, M.A., Social Sciences Librarian (1948-1950).

Helms, Clyde C., B.S.A., Assistant Agronomist, Watermelon Laboratory (1950-1950).

Henderson, Joseph Russell, M.S.A., Agronomist, Agricultural Extension Service and Soil Technologist, Agricultural Experiment Station (1937-1947).

Henderson, Leon Nesbitt, Ed.D. (Columbia), Professor of Secondary Education (1940-1945).

Hendrickson, Ellwood Robert, Ph.D. (Wisconsin), Associate Professor of Civil Engineering and Associate Research Engineer, Engineering and Industrial Experiment Station (1950-1950).

Hendrickson, Rudolph, B.S., Assistant Chemist, Citrus Experiment Station (1947-1947).

Herbert, Thomas Walter, Ph.D. (Princeton), Associate Professor of English (1946-1946).

Herndon, Robert Stumon, M.Ed., Teacher, P.K. Yonge Laboratory School (1947-1948). (On leave 1950-51).

Herndon, Thomas Glenn, M.S.F., Instructor in Forest Management (1949-1949).

Hersperger, Samuel Peerce, B.E.E., Assistant in Research, Engineering and Industrial Experiment Station (1950-1950).

Heskin, Oscar Edward, Ph.D. (Minnesota), Professor of Economics and Head of Department (1938-1949).

Hester, Janice Parham, B.S. in L.S., Cataloger, Library (1927-1947).

Hetenyi, Laszlo Joseph, M.A., Interim Assistant Professor of Humanities (1950-1950).

Hetrick, Lawrence Andrew, M.S., Assistant Professor of Entomology (1947-1947).

Hicks, Dora Adeline, M.A., Associate Professor of Health Education (1948-1948).

Higley, Howard Cogswell, B.S.C.E., Lt. Colonel, Transportation Corps, Assistant Professor of Military Science and Tactics (1949-1949).

Hill, Clifton Carr, M.S., Associate Professor of Engineering Mechanics (1947-1947).

Hilliard, Pauline, Ed.D. (Columbia), Associate Professor of Elementary Education (1950-1950).

Hills, Walter Allen, M.S., Associate Horticulturist, Everglades Experiment Station (1949-1949).

Hinckley, Elmer Dumond, Ph.D. (Chicago), Professor of Psychology and Head of Department (1925-1937).

Hines, Vynce A., Ed.D. (Illinois), Associate Professor of Education and Coordinator of Educational Research (1947-1950).

Hixson, Imogene, B.S. in L.S., Cataloger, Library (1949-1949).

Ho, Er Chun, M.S.E., Assistant in Research, Engineering and Industrial Experiment Station (1950-1950).

Hodges, Elver Myron, Ph.D. (Rutgers), Agronomist, Range Cattle Experiment Station (1941-1949).

Hodges, Henry Green, Ph.D. (Pennsylvania), Lecturer in Industrial Management (1949-1949).

Hodges, James Roland, Ph.D. (North Carolina), Assistant Professor of English (1950-1950).

Hoff, Robert Stephen, B.S.E.E., Assistant Research Engineer, Engineering and Industrial Experiment Station (1946-1946) (Resigned October 23, 1950).

Hoffman, Paul Charles, M.S.M.E., Assistant Professor of Mechanical Engineering (1948-1948).

Hogan, William Dudley, M.S., Assistant Plant Pathologist, Everglades Experiment Station (1949-1949) (Resigned September 30, 1950).

Holbrook, Hollis Howard, B.F.A., Professor of Art and Interim Head of Department (1938-1948).

Holloway, Ethel Clio, B.S., District Home Demonstration Agent, Agricultural Extension Service, Tallahassee (1926-1937).

Holtsberg, Isidor Harold, B.S.A., Assistant in Entomology-Pathology, Citrus Experiment Station (1950-1950).

Hooser, Hobart, M.A., Assistant Football Coach (1950-1950).

Horne, Edward Porter, Ph.D. (Iowa), Associate Professor of Psychology (1949-1949).

Horner, Earl Stewart, Ph.D. (Cornell), Assistant Agronomist, Agricultural Experiment Station (1950-1950).

Horsfall, Alexander Bates, M.B.A., Assistant Professor of Business Organization and Operation (1948-1948) (Resigned June 30, 1950).

Horton, Sammie Rushing, M.S., Instructor in Required Physical Education (1949-1949).

Howard, Everett Edmunds, M.D. (Louisville), University Physician and Interim Head of Student Health Department (1949-1950).

Hughes, Charles Roy, M.A., Associate Professor and Head of Department of Correspondence Study, General Extension Division (1933-1947).

Hull, Fred Harold, Ph.D. (Iowa State), Agronomist and Head of Department, Agricultural Experiment Station (1927-1948).

Hummel, Joseph Ormand Pattee, I.E., Associate Research Engineer, Engineering and Industrial Experiment Station (1950-1950).

Hunter, William Armstrong, S.J.D., Professor of Law (1949-1949).

Hurff, George Bryan, Ph.D. (Pennsylvania), Research Economist and Director, Bureau of Economic and Business Research (1948-1949).

Hurst, Huber Christian, LL.B., Professor of Business Law (1927-1946).

Husa, William John, Ph.D. (Iowa), Professor of Pharmacy and Head of Department (1923-1923).

Husmann, Werner Emil August, Ph.D. (Berlin), Interim Professor of Agricultural Economics (1950-1950).

Hustad, Myrna Stengel, B.E., Teacher, P.K. Yonge Laboratory School (1945-1945).

Hutcherson, William Robert, Ph.D. (Cornell), Professor of Mathematics (1949-1949).

Hutton, Curtis Evan, Ph.D. (Iowa), Vice Director in Charge, West Florida Experiment Station (1949-1949).

Ingle, Kelsey Hudleson, M.A., Teacher, P.K. Yonge Laboratory School (1945-1945).

Ingwalson, Raymond Wesley, B.A., Interim Instructor in Chemistry (1949-1949).

Jackson, Elmo Louis, Ph.D. (Harvard), Associate Professor of Economics (1946-1946) (On leave, first semester 1950-51).

Jackson, Vestus Twiggs, Ph.D. (Chicago), Professor of Chemistry (1924-1935).

Jackson, William, B.S.A., Animal Husbandman in Charge, West Central Florida Experiment Station (1948-1948).

Jacunski, Edward Walter, B.S., Assistant Professor of Mechanical Engineering (1947-1947).

Jaffe, Theodore, M.S. Eng., Interim Assistant Professor of Civil Engineering (1950-1950).

Jamison, Frank Stover, Ph.D. (Cornell), Horticulturist, Agricultural Experiment Station and Vegetable Crops Specialist, Agricultural Extension Service (1934-1948).

Jenkins, Henry Harrison, M.A., Interim Instructor in English (1949-1949).

Jenkins, Richard Beach, B.S., Assistant in Research, Engineering and Industrial Experiment Station (1950-1950).

Jennings, Roy Turney, M.S.C.E., Associate Professor of Engineering Mechanics (1947-1947).

Johns, Roe Lyell, Ph.D. (Columbia), Professor of Education and Head, Department of Administration and Field Service (1946-1946).

Johnson, Carl Henry, Ph.D. (Washington), Associate Professor of Pharmacognosy and Pharmacology; Supervisor of Medicinal Plant Gardens (1939-1949).

Johnson, James Guyton, Ph.D. (California), Interim Professor of Economics (1948-1948) (Resigned August 31, 1950).

Johnson, John Malcolm, B.S.A., Agricultural Engineer, Agricultural Experiment Station and Agricultural Extension Service (1945-1945).

Johnson, Joseph Stuart, Ph.D. (Iowa State), Assistant Dean of the College of Engineering and Professor of Electrical Engineering (1946-1947).

Johnson, McMillan Houston, B.S. Arch., Associate Professor of Architecture (1946-1948).

Johnson, Raymond Clarence, M.S. Eng., Assistant Research Engineer, Engineering and Industrial Experiment Station (1946-1946).

Johnson, Richard Sadler, B.S.P., Registrar (1933-1939).

Johnson, Warren Oswald, B.A., Meteorologist in Charge, Weather Forecasting Service, Agricultural Experiment Station (1935-1946).

Johnson, William Edward, B.E.E., Instructor in Electrical Engineering (1946-1946).

Johnston, Howard James, B.S., Instructor in Real Estate (1949-1949) (On leave 1950-51).

Joiner, Jasper Newton, B.S.A., Assistant Editor, Agricultural Experiment Station and Agricultural Extension Service (1950-1950) (On leave 1950-51).

Jones, David Wilson, M.S.A., Assistant Soils Technologist, Range Cattle Experiment Station (1946-1947).

Jones, Edmund Ruffin, Ph.D. (Virginia), Professor of Biology (1946-1947).

Jones, John Paul, M.A., Associate Professor of Journalism (1948-1948).

Jones, Oscar Frederick, Ph.D. (Stanford), Associate Professor of German (1937-1945).

Jones, Wayland, A.A., Captain, Field Artillery, Assistant Professor of Military Science and Tactics (1949-1949).

Jones, William Ellis, B.S.B.A., Assistant Business Manager (1948-1948).

Kahn, Sanders Arthur, M.B.A., Assistant Professor of Real Estate (1949-1949).

Karp, J. Robert, M.A., Assistant Professor of Economics (1949-1949).

Katterhenry, Arnold Allen, B.C.E., Assistant Professor of Civil Engineering (1948-1948).

Kelbert, David Gustaf Alfred, Associate Horticulturist, Vegetable Crops Laboratory (1923-1946).

Kelley, Forrest Manley, B.S. Arch., A.I.A., Associate Professor of Architecture (1946-1948).

Kelly, Charles Jackson, B.S., Captain, Air Force, Assistant Professor of Air Science and Tactics (1949-1949).

Kelly, Earl M., B.S.A., Assistant Animal Husbandman, Range Cattle Experiment Station (1949-1949) (Resigned May 15, 1950).

Kelsheimer, Eugene Gillespie, Ph.D. (Ohio State), Entomologist, Vegetable Crops Laboratory (1942-1942).

Kendall, Gladys Harbaugh, B.A., Specialist, Home Industries and Marketing, Agricultural Extension Service (1937-1949).

Kennedy, E. Donald, M.S., Associate Professor of Electrical Engineering (1947-1949) (Resigned July 31, 1950).

Kennedy, John Wesley, Ph.D. (North Carolina), Assistant Professor of Labor Economics (1949-1949).

Kennedy, William Michael, Captain, Field Artillery, Assistant Professor of Military Science and Tactics (1946-1946) (Resigned June 30, 1950).

Keown, Mary Ellen, M.S., State Home Demonstration Agent, Agricultural Extension Service, Tallahassee (1916-1936) (Deceased August 11, 1950).

Kessler, William J., Assistant Research Engineer, Engineering and Industrial Experiment Station (1943-1945).

Kesterson, James Walter, M.S., Associate Chemist, Citrus Experiment Station (1947-1947).

Khoury, Albert J., M.D. (Nuevo Leon), Interim University Physician (1950-1950).

Kidd, Kenneth Paul, Ph.D. (Peabody), Associate Professor of Secondary Education (1938-1949).

Kidder, Ralph Wyman, M.S., Associate Animal Husbandman, Everglades Experiment Station (1932-1945).

Kiker, John Ewing, M.C.E., Professor of Civil Engineering (1947-1949).

Kilby, John Davis, Ph.D. (Florida), Assistant Professor of Biology (1947-1950).

Killinger, Gordon Beverly, Ph.D. (Iowa State), Agronomist, Agricultural Experiment Station (1941-1943).

Kilpatrick, Wylie, Ph.D. (Brookings), Research Economist, Bureau of Economic and Business Research (1948-1948).

Kimmel, Albert Louis, M.Ch.E., Assistant Professor of Chemical Engineering (1945-1945).

Kimmel, Donald Carver, Ph.D. (Penn State), Assistant Marketing Economist, Agricultural Experiment Station (1950-1950).

Kincaid, Randall Rich, Ph.D. (Missouri), Plant Pathologist, North Florida Experiment Station (1929-1943).

King, John Ralph, B.S., Interim Assistant Entomologist, Citrus Experiment Station (1950-1950).

Kirk, William Gordon, Ph.D. (Iowa State), Vice Director in Charge, Range Cattle Experiment Station (1936-1944).

Kirkland, Edwin Capers, Ph.D. (Northwestern), Associate Professor of English (1946-1946).

Kissam, Barbara M., M.A., Interim Reference Assistant, Library (1950-1950).

Kitching, Eugene Auman, M.A.E., Teacher, P.K. Yonge Laboratory School (1938-1946).

Knight, Conrad W., B.S.E., Interim Teacher, P.K. Yonge Laboratory School (1950-1950).

Knorr, Louis Carl, Ph.D. (Cornell), Associate Histologist, Citrus Experiment Station (1948-1948) (On leave 1950-51).

Knowles, Harold Loraine, Ph.D. (Kansas), Professor of Physics (1931-1949).

Knowles, Robert Levis, M.A., Interim Instructor in English (1950-1950).

Knox, Margaret Enid, M.S. in L.S., Head of Reference and Bibliography Department, Library, and Assistant Professor of Library Science (1949-1950).

Kokomoor, Franklin Wesley, Ph.D. (Michigan), Professor of Mathematics and Head of Freshman Mathematics (1927-1935).

Koruturk, Sadi Sabit, B. Arch., Assistant Professor of Architecture (1947-1947).

Kovach, Eugene George, Ph.D. (Harvard), Instructor in Physical Sciences (1949-1949). (Resigned September 7, 1950).

Krastin, Karl, LL.B., Assistant Professor of Law (1948-1948).

Krienke, Walter Albert, M.S., Associate Professor of Dairy Husbandry and Associate Dairy Technologist, Agricultural Experiment Station (1946-1946).

Kuitert, Louis Cornelius, Ph.D. (Kansas), Associate Entomologist, Agricultural Experiment Station (1948-1949).

Kurth, Arthur Lincoln, Ph.D. (Yale), Assistant Professor of French (1947-1947).

Laessle, Albert Middleton, Ph.D. (Florida), Assistant Professor of Biology (1942-1947).

Lagasse, Felix Scott, Ph.D. (Maryland), Horticulturist, Agricultural Experiment Station (1939-1943).

Laird, Dorothy Stephens, M.A.E., Instructor in Foundations of Education (1944-1948).

Laird, Gladys O'Neal, M.A.E., Teacher, P.K. Yonge Laboratory School (1936-1936).

Lang, Gaines Barrett, Ph.D. (Illinois), Associate Professor of Mathematics (1942-1949).

Lankford, Samuel R., Head Trainer, Intercollegiate Athletics (1950-1950).

Lanham, James Samuel, Ph.D. (Texas), C.P.A. (Texas), Professor of Accounting and Head of Department (1947-1947).

Large, John R., M.S., Associate Plant Pathologist, Agricultural Experiment Station (1948-1948).

Larrick, Thomas, M. Arch., A.I.A., Professor of Architecture (1946-1946).

Larry, Cynthia, Ph.D. (Columbia), Assistant Professor of Speech and English (1949-1949).

Larsen, William Frederick, M.A., Assistant Professor of Political Science and Director of Public Administration Clearing Service (1950-1950).

Latour, Marinus Henry, B.E.E., Assistant Professor of Electrical Engineering (1946-1946).

Lauter, Werner M., Ph.D. (Griefswald), Professor of Pharmaceutical Chemistry (1950-1950).

Lawrence, Fred Parker, B.S.A., Citriculturist, Agricultural Extension Service (1947-1947).

Lawrenson, Raymond Earl, M.M., Associate Professor of Music (1948-1948).

Lawson, Stanton Clowes Davison, M.S., Associate Professor of Engineering Mechanics (1947-1947).

Leake, James Miller, Ph.D. (Johns Hopkins), Professor Emeritus of History (Retired June 30, 1950).

Lear, William Edward, M.S.E.E., Assistant Professor of Electrical Engineering (1949-1949).

Leavitt, Benjamin Burton, Ph.D. (Harvard), Assistant Professor of Biological Science (1946-1946).

Lee, Aubrey K., Assistant Comptroller (1947-1947).

Lee, Permillas Arten, M.A., Instructor in Required Physical Education (1948-1948).

Lee, Robert Charles, Ph.D. (Peabody), Assistant Professor of English (1947-1947).

Leenhouts, Laura Nelja, M.Ed., Assistant Professor of Elementary Education (1945-1948).

Leggett, James Thomas, M.S. Eng., Associate Professor of Mechanical Engineering (1941-1950).

Leighty, Ralph George, B.S., Assistant Soil Surveyor, Agricultural Experiment Station (1947-1947).

Lemmon, Ruth Scott, B.S.H.E., Assistant State Girls' Club Agent, Agricultural Extension Service (1950-1950).

Leonard, Chester D., Ph.D. (Rutgers), Associate Horticulturist, Citrus Experiment Station (1950-1950).

Leps, Joseph McElroy, Ed.D. (Columbia), Professor of Administration and Field Service (1943-1945).

Lewis, Charles Andrew, B.S., Captain, Transportation Corps, Assistant Professor of Military Science and Tactics (1949-1949).

Lewis, Clark Samuel, B.L.S., Assistant Circulation Librarian (1949-1950).

Lewis, Hal Graham, M.A.E., Professor of Education and Interim Head, Foundations of Education (1936-1947).

Lewis, Howard Kenneth, E.E., Assistant Professor of Mathematics (1946-1946).

Liles, Annette Lucille, B.S. in L.S., Humanities Librarian (1947-1950).

Lincoln, Francis Busy, Ph.D. (California), Horticulturist, Subtropical Experiment Station (1947-1947).

Lindsey, Harry Lee, B.S. Arch., A.I.A., Assistant Professor of Architecture (1947-1947).

Lippitt, Mary Dawson, B.S., Instructor in Required Physical Education (1948-1948) (Resigned August 31, 1950).

Lipscomb, Ralph Waldo, M.S., Associate Agronomist, Mobile Unit, Agricultural Experiment Station (1944-1944).

Litherland, Allyn Capron, M.A., Interim Instructor in Mathematics (1947-1947).

Little, Herschel Wray, M.S., Assistant Agricultural Economist, Agricultural Experiment Station (1948-1948).

Little, Winston Woodard, M.A., Dean of the University College and Professor of Logic (1931-1937).

Loft, Bernard Irwin, M.A.E., Instructor in Required Physical Education (1948-1948).

Loften, William Travis, M.A.E., Associate Professor of Secondary Education (1937-1947).

Long, Wallace T., M.S.A., Assistant Horticulturist, Citrus Experiment Station (1949-1949).

Long, William Palmer, B.A.B.A., Manager, Cafeteria and Soda Fountain (1946-1946).

Lorz, Albert Protus, Ph.D. (Virginia), Horticulturist, Agricultural Experiment Station (1948-1948).

Lovell, John Thomas, M.A., Teacher, P.K. Yonge Laboratory School (1950-1950).

Low, Emmet F., M.S., Interim Instructor in Physical Sciences (1950-1950).

Lowry, William Leonard, B.A., Associate Professor of Journalism (1930-1941).

Lucas, Eleanor Simons, B.S. in L.S., Cataloger, Library (1950-1950).

Luck, Thomas Jefferson, Ph.D. (Indiana), Assistant Professor of Personnel Management (1950-1950).

Lundy, Hosea Willis, B.S.A., Associate Agronomist, West Florida Experiment Station (1946-1947).

Lupkiewcz, Joseph Vincent, M.M., Associate Professor of Music (1948-1948).

Lyons, Edward, Ph.D. (Johns Hopkins), Lecturer in Chemistry (1947-1947).

Lytle, Andrew Nelson, B.A., Lecturer in English (1948-1948).

Lytle, Ernest James, M.A., Instructor in Mathematics (1946-1946) (On leave 1950-51).

McAlister, Clara Lois, B.S. in L.S., Librarian, P.K. Yonge Laboratory School (1950-1950).

McAlister, Lyle N., Ph.D. (California), Interim Instructor in Social Sciences (1950-1950).

McAllister, Samuel Joseph, B.A., Basketball Coach (1937-1937).

McCachren, James Roland, M.A.E., Assistant Professor of Required Physical Education and Freshman Baseball Coach (1946-1946).

McCall, Wade Wiley, M.A., Assistant Professor of Soils (1946-1948).

McCarty, Martin Edgar, M.A., Interim Assistant Professor of Mathematics (1946-1946).

McChesney, William Wallace, M.D. (Virginia), University Physician (1949-1949).

McClellan, Margaret Cave, M.A., Instructor in Speech (1948-1948).

McClelland, Hayes K., M.A., Advisor to Student Organizations (1949-1949).

McCloud, Darrell Edison, Ph.D. (Purdue), Assistant Professor of Agronomy (1948-1948).

McCracken, James Edward, Ph.D. (Ohio State), Head Resident, Tolbert Hall (1950-1950).

McCracken, Janet May, M.S., Assistant Professor of Elementary Education (1947-1950).

McCracken, Mary Ruth, M.A., Teacher, P.K. Yonge Laboratory School (1948-1948).

McCubbin, Earl Noel, Ph.D. (Cornell), Horticulturist, Potato Laboratory (1940-1941).

MacDonald, Frank Wadsworth, M.S., Associate Professor of Electrical Engineering (1948-1948) (Resigned June 30, 1950).

McEachern, Floy McCall, M.A.E., Instructor in Elementary Education (1944-1950).

McFadden, Samuel E., B.S., Assistant Horticulturist, Agricultural Experiment Station (1950-1950).

McFerrin, John Berry, Ph.D. (North Carolina), Professor of Business Organization and Operation and Head of Department (1937-1948).

McGregor, James Alan, B.S., Assistant Animal Industrialist, Agricultural Extension Service (1950-1950).

McGriff, Jack, M.A.E., Assistant Professor of Professional Physical Education (1946-1950).

McGuire, Vincent, M.A., Instructor in Foundations of Education (1947-1948) (On leave 1950-1951).

McInnis, Sam W., M.A., Assistant Professor of Mathematics (1930-1937).

McIntosh, P. R., M.F.A., Associate Professor of Art (1949-1949).

McKissock, George Dawson, B.S.M.E., Instructor in Mechanical Engineering (1948-1948).

McLane, William M., M.S., Instructor in Biology (1950-1950) (Resigned September 30, 1950).

McLendon, Horace S., B.A., Soil Conservationist, Agricultural Extension Service (1917-1948).

McLendon, Ida Ruth, Ph.D. (Ohio State), Assistant Professor of Educational Research and Publications (1936-1948).

MacLeod, Malcolm Lorimer, Ph.D. (Virginia), Associate Professor of English (1939-1947).

McMullen, Kenneth Smith, M.Ag. District Agent, Agricultural Extension Service (1935-1946).

McPheeters, Edwin Keith, B. Arch., Instructor in Architecture (1949-1949).

McQuitty, John Vredenburgh, Ph.D. (Kentucky), University Examiner (1929-1935).

McVoy, James David, B. Arch., A.I.A., Assistant Professor of Architecture (1948-1948).

Macdonald, William Dickson, LL.M., Associate Professor of Law (1948-1948).

Mack, Leah Alwilda, M.A., Teacher, P.K. Yonge Laboratory School (1948-1948).

Maclachlan, John Miller, Ph.D. (North Carolina), Professor of Sociology and Anthropology and Head of Department (1938-1941).

Magie, Robert Ogden, Ph.D. (Wisconsin), Plant Pathologist, Vegetable Crops Laboratory (1945-1945).

Maguire, Lillian Irma, M.A., Teacher, P.K. Yonge Laboratory School (1934-1934).

Malcolm, John Lowrie, Ph.D. (Rutgers), Associate Soils Chemist, Subtropical Experiment Station (1948-1948).

Malone, Eubert Harrison, 1st Lt., Infantry, Assistant Professor of Military Science and Tactics (1948-1948) (Resigned July 31, 1950).

Maloney, Frank Edward, LL.B., Associate Professor of Law (1946-1946) (On leave 1950-1951).

Marks, Ray Charles, B.A., Assistant Director, Non-Academic Personnel (1950-1950).

Marshall, Hubert Ray, Ph.D. (North Carolina), Instructor in Political Science (1950-1950).

Marshall, Sidney Paul, Ph.D. (Minnesota), Associate Professor of Dairy Husbandry and Associate Dairy Husbandman, Agricultural Experiment Station (1942-1947).

Martin, Fletcher, Visiting Professor of Art (1949-1949).

Martin, James A., M.A.E., Instructor in Vocational Guidance (1939-1947).

Martin, John Fletcher, LL.B., M.A., Director of Latin American Student Affairs (1942-1942).

Martinson, Earl Pehr, M.A., Professor of Industrial Engineering and Head of Department (1948-1949).

Mase, Darrel Jay, Ph.D. (Columbia), Coordinator, Florida Center of Clinical Services and Professor of Education and Speech (1950-1950).

Mason, Raymond Woodrow, LL.B., Associate Professor of Business Organization and Operation (1947-1947) (Resigned August 31, 1950).

Mason, Roy Homer, M.A., Instructor in Mathematics (1947-1947).

Matherly, Walter Jeffries, M.A., LL.D. (William Jewell), Dean of the College of Business Administration and Professor of Economics (1926-1926).

Mathis, Miriam L., B.A. in L.S., Interim Reference Assistant, Library (1950-1950).

Matthews, Charles Arnold, Ph.D. (Virginia), Associate Professor of Finance (1948-1950).

Matthews, Donald Ray, M.A., Director of Alumni Affairs (1936-1947).

Matthewson, Clarke, M.S.F., Assistant Professor of Forestry and Superintendent, State Ranger School (1949-1949) (On leave 1950-1951).

Matthies, William R., M.S., C.P.A., (Illinois, Wisconsin), Associate Professor of Accounting (1949-1949).

Mauderli, Max Otto, Ph.D. (Pennsylvania), Assistant Professor of German (1948-1948).

Mautz, Robert B., LL.B., Assistant Professor of Law (1950-1950).

Maxwell, Hugh Clyde, M.S.E., Assistant Professor of Secondary Education (1945-1948).

May, Mary Elizabeth, B.A., Associate Resident, Reid Hall (1950-1950).

MAYNARD, JACK WILDER, B.A., 1st Lt., Air Force, Assistant Professor of Air Science and Tactics (1950-1950).

MAYNARD, STANLEY GETCHEL, B.S., Major, Infantry, Assistant Professor of Military Science and Tactics (1950-1950).

MAYNARD, ZOLLIE MCCULLOR, B.A.E., Assistant Professor of Required Physical Education (1946-1949).

MEAD, ARTHUR RAYMOND, Ph.D. (Columbia), Ed.D. (Miami), Director, Bureau of Educational Research and Professor of Education (1931-1935) (Retired June 30, 1950).

MEANS, SAMUEL ALBERT, JR., B.S.B.A., Senior Accountant (1946-1946).

MEHRHOF, NORMAN RIPLEY, M.Ag., Professor of Poultry Husbandry and Head of Department; Poultry Husbandman and Head of Department, Agricultural Experiment Station and Agricultural Extension Service (1924-1949).

MELTON, HOLMES MITTS, B.A.E., Assistant Director of Alumni Affairs (1949-1949).

MERWIN, HENRY D., Ph.D. (Cornell), Associate Chemist, Citrus Experiment Station (1950-1950).

MEYER, HARVEY KESSLER, M.A., Associate Professor of Secondary Education (1946-1948).

MEYER, HERBERT ALBERT, Ph.D. (Iowa), Associate Professor of Mathematics (1946-1946).

MIDDLETON, JAMES W., LL.B., Assistant in Law Research (1949-1949) (Resigned June 30, 1950).

MILESKI, THEODORE GERALD, M.S., Interim Instructor in Biological Science (1948-1948) (Resigned July 31, 1950).

MILLAR, JANE CARREE, M.S., Instructor in Required Physical Education (1948-1948).

MILLER, CLYDE EDWARD, M.S.E.E., Assistant Research Engineer, Engineering and Industrial Experiment Station (1948-1948) (Resigned September 15, 1950).

MILLER, ELIZABETH M., M.B.A., Associate Resident, Mallory Hall (1949-1949) (Resigned September 8, 1950).

MILLER, EUGENE FRANCIS, B.S., Major, Air Force, Assistant Professor of Air Science and Tactics (1947-1947) (Resigned July 31, 1950).

MILLER, GEORGE JOHN, B.A. (Oxon.), LL.M., doctor en derecho (Madrid), Professor of Law (1948-1948).

MILLER, HOWARD NILE, Ph.D. (California), Associate Plant Pathologist, Agricultural Experiment Station (1948-1948).

MILLER, JAMES W., M.S.F., Associate Professor of Logging and Lumbering (1936-1949).

MILLER, J. HILLIS, Ph.D. (Columbia), Litt.D. (Keuka), LL.D. (Alfred), President of the University (1947-1947).

MILLET, WALTER E., Ph.D. (Harvard), Instructor in Physics (1950-1950).

MILLICAN, CHARLES NORMAN, M.A., Instructor in Economics (1949-1949).

MILLICAN, GEORGE COREY, B.Arch., Instructor in Architecture (1949-1949).

MIMS, BERNICE ASHBURN, M.A., Associate Professor of General Information and Service and Head of Department, General Extension Division (1928-1946).

MITCH, GEORGE FREDERICK, M.A., Interim Assistant Professor of Economics (1949-1949).

MITCHELL, JEAN OLTMAN, M.A.E., Instructor in Elementary Education (1944-1950).

MOONEY, ERNEST GORDON, B.A.E., Instructor in Required Physical Education (1940-1945).

MOORE, JAMES FRANCIS, M.B.A., Instructor in Accounting (1948-1948).

Moore, John Meredith, B.A., Manager, Bookstore (1948-1948) (Resigned September 12, 1950).

Moore, Julian Stephen, M.S.A., Poultryman, Agricultural Extension Service (1950-1950).

Moore, William Edgar, Ph.D. (Peabody), Professor of Logic and Counselor (1930-1946).

Moorman, John Haynes, Ph.D. (Iowa), Professor of Education and Head of Business Education (1940-1949).

Moorman, Robert, M.A., Interim Instructor in English (1949-1949) (Resigned June 15, 1950).

Morales, Julio Alfred, M.A., Instructor in Mathematics (1946-1946).

Morelock, James Crutchfield, M.A., Interim Instructor in Mathematics (1949-1949).

Morey, Darrell D., Ph.D. (Iowa State), Associate Agronomist, Agricultural Experiment Station (1949-1949).

Morgan, Barbara Berkley, M.A., Teacher, P.K. Yonge Laboratory School (1949-1949) (Resigned July 31, 1950).

Morgan, Bayard Quincy, Ph.D. (Leipzig), Lecturer in German (1950-1950).

Morgan, Hazel, M.A., Instructor in Visual Aids, General Extension Division (1950-1950).

Morgan, Marcellus, B.A., Vocational Appraiser, Veterans' Guidance Center (1949-1949).

Morgen, Ralph Alexander, Ph.D. (California), Director, Engineering and Industrial Experiment Station and Professor of Chemical Engineering (1938-1947).

Morris, Alton Chester, Ph.D. (North Carolina), Professor of English (1927-1946).

Morrison, Sheila Graham, M.A., Instructor in Speech (1947-1947).

Morrow, Harold William, M.A., Instructor in Engineering Mechanics (1948-1948).

Morrow, Kenneth Wayne, M.A., Engineering Librarian (1949-1949) (On leave 1950-1951).

Morse, Richard Fairfield, B.E.E., Assistant in Research, Engineering and Industrial Experiment Station (1945-1946).

Moses, Philip John, B.S.F., Instructor in Forestry, State Ranger School (1949-1949).

Moshier, William Franklin, M.B.A., C.P.A. (Florida), Assistant Professor of Accounting (1946-1946).

Mounts, Charles Eugene, Ph.D. (Duke), Associate Professor of English (1927-1945).

Muehlner, Felix, U.J.D. (Frederick William), Associate Research Economist, Bureau of Economic and Business Research (1950-1950).

Mull, Leon Edmund, Ph.D. (Iowa State), Assistant Dairy Technologist, Agricultural Experiment Station (1940-1940) (On Leave 1950-1951).

Murphey, Milledge, B.S., Assistant Professor of Entomology (1947-1947).

Murphree, Albert Alexander, B.A. (Oxon.), Assistant Professor of English (1929-1934).

Murphree, Catherine Hodges, B.M., Interim Teacher, P. K. Yonge Laboratory School (1950-1950).

Murphree, Claude Leon, B.A., Professor of Music (1925-1948).

Murray, Frank Junior, M.A., Instructor in Required Physical Education (1949-1949).

Murray, William Ignatius, W.O.J.G., Air Force, Assistant Professor of Air Science and Tactics (1950-1950).

Myers, Forrest Earl, M.Ag., Assistant Vegetable Crops Specialist, Agricultural Extension Service (1948-1950).

Myers, Julian Mostella, B.S., Associate Agricultural Engineer, Agricultural Experiment Station (1947-1947).

Neale, James Ralph, B.D., Instructor in English (1946-1946) (On leave 1950-1951).

Neely, Grace Iona, M.A., Associate Economist in Food Conservation, Agricultural Extension Service, Tallahassee (1948-1948).

Neff, Thomas O'Neil, B.S.E.E., Assistant Professor of Engineering Mechanics (1946-1946).

Neller, Joseph Robert, Ph.D. (Rutgers), Soils Chemist, Agricultural Experiment Station (1930-1944).

Nelson, Paul Harry, M.S., Associate Professor of Electrical Engineering (1947-1947).

Nettles, Victor Fleetwood, Ph.D. (Cornell), Assistant Horticulturist, Agricultural Experiment Station (1938-1938).

Neubauer, Gerhardt W. F., M.S., Assistant Professor of Secondary Education (1948-1948).

Newins, Harold Stephenson, M.F., Director of the School of Forestry and Professor of Forestry (1935-1937).

Newman, Floyd Warren, M.A., Interim Instructor in Psychology (1949-1949).

Ney, William A., B.S.A., Interim Assistant in Animal Husbandry, Agricultural Experiment Station (1950-1950).

Nichols, John Wilson, M.A., Interim Instructor in Psychology (1949-1949).

Nieland, Louis Theodore, Farm Forester, Agricultural Extension Service (1914-1938).

Noble, Clarence Vernon, Ph.D. (Cornell), Dean of the College of Agriculture and Professor of Agricultural Economics (1926-1950).

Noble, Robert Vernon, M.A., Instructor in Correspondence Instruction, General Extension Division (1950-1950).

Nola, Louis, M.B.A., C.P.A. (Florida), Assistant Professor of Accounting (1947-1949) (Deceased June 4, 1950).

Nolan, William John, Ph.D. (Michigan), Professor of Chemical Engineering (1946-1949).

Norman, James William, Ph.D. (Columbia), Dean Emeritus of the College of Education and Professor of Foundations of Education (1916-1946).

Northrop, Floyd Lorrain, B.S.A., District Supervisor, Vocational Education (1948-1948).

Norton, Bessie Amanda, M.A.E., Instructor in Off-Campus Instruction (1947-1948).

Novak, Arthur Francis, Ph.D. (Purdue), Associate Professor of Bacteriology (1947-1950).

Nulton, Lucy, M.A., Teacher, P.K. Yonge Laboratory School (1950-1950).

Nutter, Hazen Edward, M.A., Associate Professor of Education and Head of Materials of Instruction (1938-1938).

Odum, Howard T., B.A., Assistant Professor of Biological Science (1950-1950).

Oliver, Clifton, Jr., M.A., Assistant Professor of Personnel Management (1946-1948).

Oliver, James Arthur, Ph.D. (Michigan), Assistant Professor of Biology (1948-1948).

Oliver, James Willard, Ph.D. (Harvard), Assistant Professor of Philosophy and Interim Head of Department (1949-1950).

Olsen, George Lieberg, M.A., Order Assistant, Library (1949-1949).

Olsen, Julian Ole, B.A., Teacher, P.K. Yonge Laboratory School (1947-1948).

Olsen, Robert Winthrop, B.S., Biochemist, Citrus Experiment Station (1947-1947).

Olson, Clara McDonald, Ph.D. (Peabody), Associate Professor of Secondary Education (1934-1949).

Opp, Carl Braden, B.A., Assistant Director of Housing (1940-1946).

Oras, Ants, B.Litt. (Oxon.), Professor of English (1949-1950).

Ormond, William Newman, M.A., Interim Instructor in English (1948-1948).

Orwig, Harry Lee, B.S.F., Interim Instructor in Forestry, State Ranger School (1950-1950).

Osborn, George Coleman, Ph.D. (Indiana), Associate Professor of Social Sciences (1947-1947).

O'Steen, Alva Woodrow, B.S.A., Supervisor, Florida Egg Laying Contest, Agricultural Extension Service, Chipley (1941-1945).

Osterbind, Carter C., M.S., Assistant Research Economist, Bureau of Economic and Business Research (1950-1950).

Otte, Burton J. H., M.S., Associate Professor and Curator of Chemistry (1925-1937).

Owen, Harry Ashton, B.E.E., Instructor in Electrical Engineering (1948-1948).

Owen, John Hinsey, Ph.D. (Wisconsin), Assistant Professor of Plant Pathology (1949-1949).

Owen, John M., M.A., Interim Instructor in English (1949-1949).

Owens, Alvin Jewel, M.S., Interim Instructor in Mathematics (1949-1949).

Owens, James Bacot, B.S., Agricultural Economist, Agricultural Experiment Station (1945-1945).

Pace, James Edward, M.S.A., Assistant Professor of Animal Husbandry and Assistant Animal Husbandman, Agricultural Experiment Station (1942-1949).

Padgett, Elsie, M.A., Interim Instructor in Secondary Education (1950-1950).

Page, Ralph Emerson, Ph.D. (Syracuse), Dean of the College of Arts and Sciences and Professor of Political Science (1948-1948).

Papy, William Andrew, III, B.Arch., Instructor in Architecture (1949-1949).

Paquette, Radnor Joseph, M.S., Assistant Research Engineer, Engineering and Industrial Experiment Station (1948-1948).

Pardee, Mary Ruth, B.S. in L.S., Cataloger, Library (1945-1947).

Parker, William Davis, M.B.A., C.P.A. (Florida), Assistant Professor of Accounting (1947-1949).

Parramore, Willie E., B.A.A., Instructor in Citizenship Training, General Extension Division (1950-1950).

Parris, George Keith, Ph.D. (Cornell), Plant Pathologist in Charge, Watermelon Laboratory (1945-1945).

Parvin, Fayette Ward, B.S.A., Associate Economist, Agricultural Extension Service (1946-1948).

Patrick, John Max, D.Phil. (Oxon.), Professor of English (1948-1948).

Patrick, Rembert Wallace, Ph.D. (North Carolina), Professor of History and Head of Department (1940-1950).

Patterson, Paul Bryan, M.A.E., Instructor in Mathematics (1943-1947).

Paul, Ouida Fay, M.A., Assistant Professor of Music (1949-1949).

Payne, Ancil Newton, Ph.D. (Illinois), Associate Professor of History (1929-1945).

Peabody, Kenneth E., M.F.A., Interim Instructor in Art (1950-1950).

Pearce, James Martine, M.S., Interim Instructor in Chemistry (1946-1946).

Pearson, Albert M., Ph.D. (Cornell), Assistant Professor of Animal Husbandry and Assistant Animal Husbandman, Agricultural Experiment Station (1949-1949).

Pearson, Charles Robert, B.M.E., Assistant Professor of Aeronautical Engineering (1947-1949) (Resigned July 31, 1950).

Peeler, Ruth Beatrice, M.A., Teacher, P. K. Yonge Laboratory School (1934-1934).

Peet, James Clinton, E.E., Lecturer in Electrical Engineering (1947-1947).

Pendleton, William C., M.A., Instructor in Social Sciences (1950-1950).

Penn, Richard Kenneth, B.I.E., Supervisor, Central Stores (1948-1948).

Penrod, John Arthur, M.A., Interim Instructor in English (1950-1950).

Perry, Franklyn Stanton, B.S.A., District Agent, Agricultural Extension Service (1946-1949).

Peterson, Erhart Gustaf, M.B.A., LL.B., Associate Professor of Accounting (1947-1949).

Pettis, Aubrey Marshall, B.S.A.E., Farm Electrification Specialist, Agricultural Experiment Station and Agricultural Extension Service (1947-1947).

Phelps, Earle Bernard, B.S., Lecturer in Sanitary Engineering (1944-1944).

Phelps, George Osborn, M.S.M.E., Assistant Professor of Mechanical Engineering (1937-1946).

Phillips, Arthur Minis, B.S., Associate Entomologist, Agricultural Experiment Station (1941-1948).

Phillips, Grace Rachel, M.A.E., Interim Instructor in Biological Science (1950-1950).

Phillips, Lawrence Roy, Ph.D. (Indiana), Assistant Professor of Chemistry (1946-1947).

Phillips, Thomas O., B.S., Capt., Infantry, Assistant Professor of Military Science and Tactics (1949-1949).

Phillips, Wayland B., M.A., Teacher, P.K. Yonge Laboratory School (1948-1948).

Philpott, Frank Excell, M.A., Assistant Professor of Required Physical Education and Assistant Track Coach (1946-1946).

Philpott, Harry Melvin, Ph.D. (Yale), Associate Professor of Religion (1947-1950).

Phipps, Cecil Glenn, Ph.D. (Minnesota), Professor of Mathematics (1924-1943).

Pierce, Emory Lowe, Ph.D. (Florida), Associate Professor of Biological Science (1945-1949).

Pierce, John Eugene, M.S., Assistant Professor of Insurance (1950-1950).

Pierson, William Haskell, M.S., Associate Professor of Geography (1946-1946).

Pirenian, Zareh Meguerditch, M.S., Associate Professor of Mathematics (1925-1937).

Pirkle, Earl C., Jr., M.S., Assistant Professor of Physical Science and Geology (1950-1950).

Pisani, Frank Warren, B.A., Instructor in Citizenship Training, General Extension Division (1948-1948).

Pitts, Edith Patti, Administrative Assistant to the President (1937-1937).

Plank, Seth B., B.S.A., Assistant Animal Husbandman, Everglades Experiment Station (1950-1950).

Pollard, Cash Blair, Ph.D. (Purdue), Professor of Chemistry (1930-1937).

Polovkas, Vincent George, B.S.A.E., Instructor in Aeronautical Engineering (1948-1948).

Pomeroy, David, Ph.D. (New Mexico), Interim Assistant Professor of Physics and Bioelectric Potentials Project (1950-1950).

Poole, Lewis Albert, B.S.E.E., Interim Instructor in Physics (1947-1947) (On leave, 1950-1951).

Poole, Reid, M.A., Assistant Professor of Music (1949-1949).

Porter, Ralph Elma, B.A.E., Assistant Director of Florida Union (1949-1949).

Porter, Rebecca Elizabeth, B.A.J., Assistant Editor of University Press (1949-1949).

Potter, William Melville, B.A., Assistant Professor of Required Physical Education (1946-1946).

Powell, Garland Wheeler, Director of Radio Station WRUF (1929-1930).

Powell, Robert D., Ph.D. (Iowa State), Assistant Professor of Botany (1949-1949).

Pratt, Robert M., Ph.D. (Cornell), Associate Entomologist-Pathologist, Citrus Experiment Station (1950-1950).

Preodor, Edward, B.M., Associate Professor of Music (1948-1948).

Prescott, Ford Lewis, M.E., Professor of Mechanical Engineering (1923-1946).

Price, George Sheldon, B.S., Colonel, Field Artillery, Professor of Military Science and Tactics and Coordinator of Military Departments (1948-1948).

Price, Joseph Edwin, B.A.E., Associate Professor of Social Sciences and Student Counselor (1930-1949).

Price, Thomas James, Comptroller (1927-1947).

Pridgen, Ila Rountree, LL.B., Law Librarian (1929-1947).

Prince, Vivian Christine, M.S., Head of Technical Processes and Assistant Professor of Library Science (1943-1949).

Pritchett, William Lawrence, M.S., Assistant Biochemist, Agricultural Experiment Station (1948-1948) (Resigned June 15, 1950).

Proctor, Samuel, M.A., Assistant Professor of Social Sciences (1946-1949).

Prosser, David Stanley, B.S., Assistant Horticulturist, Citrus Experiment Station (1948-1948).

Pryor, Betty Louise, LL.B., Assistant Law Librarian (1948-1948).

Pullara, Anthony Libero, B.Arch., Instructor in Architecture (1949-1949).

Pumphrey, Fred Homer, E.E., Professor of Electrical Engineering and Head of Department (1946-1946).

Purdy, Donald Roderick, M.S., Instructor in Physics (1948-1948).

Pye, Ruby Lee, M.A., Instructor in Required Physical Education (1949-1949).

Pyle, Gordon Bruce, M.A.E., Interim Instructor in Social Sciences (1950-1950).

Pyles, Thomas, Ph.D. (Johns Hopkins), Professor of English (1948-1948).

Quackenbush, Orville Francis, M.A., Associate Professor of Sociology (1941-1946) (On leave 1950-1951).

Qualls, LeRoy Lillard, Ph.D. (Illinois), Assistant Professor of Economics (1948-1948).

Rackley, Benton T., M.S.E.E., Interim Assistant in Research, Engineering and Industrial Experiment Station (1950-1950).

Ralston, Charles William, Ph.D. (Duke), Assistant Professor of Silviculture (1949-1949).

Ramirez, Adolfo, M.A., Instructor in Spanish (1948-1948).

Ramsey, James C., M.S., Interim Instructor in Chemistry (1949-1949).

Randolph, John W., M.S., Agricultural Engineer, Everglades Experiment Station (1947-1947).

Rappenecker, Caspar, Ph.D. (Cornell), Associate Professor of Geology and Physical Sciences (1949-1949).

Ray, Delmas Dennis, M.B.A., Assistant Professor of Accounting (1948-1948).

Ray, Francis Earl, D.Sc. (Oxon.), Director of Cancer Research Laboratory and Professor of Cancer Research (1949-1949).

Ray, Robert Eugene, LL.B., Interim Instructor in Business Law (1949-1949) (Resigned June 30, 1950).

Reaves, Clarence William, B.S.A., Dairy Husbandman, Agricultural Extension Service (1947-1947).

Reaves, Jack Sheldon, B.S.B.A., Purchasing Agent (1948-1948).

Reber, Karl William, B.Ch.E., Instructor in Mechanical Engineering (1948-1948).

Redfearn, Paul L., M.S., Interim Instructor in Botany (1950-1950) (Resigned September 30, 1950).

Redfield, Robert H., B.S.E.E., Assistant Research Engineer, Engineering and Industrial Experiment Station (1949-1949).

Reed, Harold Merrill, B.S., Chemist, Agricultural Experiment Station (1948-1948).

Reed, Howard William, M.D. (Rush), Interim Head, Department of Health Service (1948-1948) (Resigned October 31, 1950).

Reed, John Clifford, M.E., Professor of Mechanical Engineering and Head of Department (1950-1950).

Reeves, Frank Blair, B.Arch., Instructor in Architecture (1949-1949).

Rehling, Conrad H., M.A.E., Instructor in Required Physical Education (1949-1949).

Reid, Alfred S., B.Ed., Interim Instructor in English (1949-1949) (Resigned June 15, 1950).

Reid, Charles Edward, Ph.D. (Louisiana State), Instructor in Chemistry (1948-1948).

Reid, Eugenie Chazal, B.S. in L.S., Cataloger, Library (1947-1947).

Reid, George Kell, M.S., Interim Instructor in Biological Science (1949-1949).

Reitz, Herman J., Ph.D. (Ohio State), Horticulturist, Citrus Experiment Station (1946-1949).

Reitz, J. Wayne, Ph.D. (Wisconsin), Provost for Agriculture (1949-1949).

Remp, George Edward, M.E., Assistant Professor of Mechanical Engineering (1946-1946).

Rethlingshafer, Dorothy Adelaide, Ph.D. (North Carolina), Associate Professor of Psychology (1947-1947).

Reynolds, John Henry, M.A., Assistant Professor of Social Sciences (1946-1947).

Reynolds, Mable Marie, M.A., Cataloger, Library (1949-1949).

Reynolds, Mary Eleanora, M.A., Head Resident, Reid Hall (1950-1950).

Rhoads, Winifred Carl, M.S., Entomologist, North Florida Experiment Station (1949-1949).

Rhudy, Ralph, Colonel, Air Force, Professor of Air Science and Tactics (1950-1950).

Richardson, James Gilbert, B.S.B.A., Assistant Professor of Finance (1946-1949).

Rickert, Robert Turnham, M.A., Instructor in Speech (1950-1950).

Rickett, Clarence Cornaire, M.A., Interim Instructor in English (1949-1949) (Resigned May 31, 1950).

Rietz, Edward Gustave, Ph.D. (Chicago), Associate Professor of Chemistry (1946-1947).

Riker, Harold Clark, M.A., Director of Housing (1938-1946).

Riley, Bert Clair, B.S.A., Dean of the General Extension Division (1919-1928).

Ring, Alfred A., Ph.D. (New York), M.A.I., Professor of Real Estate (1947-1949).

Rion, William E., M.A., Interim Director of Florida Union (1945-1948) (On leave 1950-1951).

Ritchey, George Edgar, M.S., Associate Agronomist in Charge, Live Oak Experiment Station (1927-1950).

Ritter, Leo John, M.S., Associate Professor of Civil Engineering (1946-1947).

Robbins, George LeRoy, W.O.J.G., Air Force, Assistant Professor of Air Science and Tactics (1949-1949).

Roberts, Leonidas H., M.S., Instructor in Physical Sciences (1949-1949).

Roberts, Merril J., M.B.A., Assistant Professor of Transportation and Economics (1948-1948).

Robertson, Alan J., M.A., Instructor in Economics (1949-1949).

Robertson, Charles Archibald, M.A., Professor of English and Head of Department (1918-1950).

Robertson, Joe Mays, B.S., Interim Instructor in Mathematics (1949-1949) (Resigned July 31, 1950).

Robertson, William K., Ph.D. (Purdue), Assistant Soils Chemist, Agricultural Experiment Station (1950-1950).

Robillard, Ambolena Hooker, M.A., Interim Instructor in Humanities (1950-1950).

Robinson, Frank Albert, M.S., Assistant Apiculturist, Agricultural Extension Service (1950-1950).

Rodgers, Earl Gilbert, M.S.A., Instructor in Agronomy (1946-1947) (On leave 1950-1951).

Rogers, Andrew Jackson, M.S., Assistant Professor of Entomology (1946-1947).

Rogers, Frazier, M.S.A., Professor of Agricultural Engineering and Head of Department and Agricultural Engineer and Head of Department, Agricultural Experiment Station (1918-1923).

Rogers, William Bradley, B.S.M.E., Instructor in Mechanical Engineering (1947-1947).

Rohde, F. Virginia, Ph.D. (Kentucky), Instructor in Mathematics (1950-1950).

Rose, Gillis Norman, B.S., Associate Agricultural Economist, Agricultural Experiment Station (1943-1945).

Rose, Harold Cleland, B.Arch., Assistant Professor of Architecture (1947-1949).

Rosenberger, Stanley E., M.Ag., Assistant Vegetable Crops Specialist, Agricultural Extension Service (1949-1949).

Rothrock, Coman Wendell, B.S., Assistant in Research, Engineering and Industrial Experiment Station (1948-1948).

Rothwell, Donald Frederick, B.S.A., Instructor in Soils (1948-1948).

Rouse, Alvin H., M.S., Associate Chemist, Citrus Experiment Station (1949-1949).

Ruehle, George Dewey, Ph.D. (Washington State), Vice Director in Charge, Subtropical Experiment Station (1930-1944).

Ruff, William, Ph.D. (Yale), Associate Professor of Humanities (1946-1946).

Runzler, William Theodore, Ph.D. (Erlangen), Interim Assistant Professor of German (1947-1947).

Ruprecht, Rudolph William, Ph.D. (Massachusetts Agricultural College), Vice Director in Charge, Central Florida Experiment Station (1920-1946).

Ryan, John Edward, B.S.E., Instructor in Required Physical Education and Assistant Swimming Coach (1949-1949).

Ryberg, Milton Emanuel, B.S., Research Engineer, Engineering and Industrial Experiment Station (1947-1949).

Sabella, Frank Joseph, Ph.D. (Pennsylvania), Assistant Professor of Insurance (1949-1949) (Resigned June 30, 1950).

Salt, Ellis Benton, Ed.D. (New York), Professor of Professional Physical Education and Head of Department (1930-1946).

Sampson, Roger Williams, M.S., Interim Instructor in Electrical Engineering (1950-1950).

Sanders, Dorsey Addren, D.V.M., (Kansas State), Professor of Veterinary Science and Head of Department and Head, Department of Veterinary Science, Agricultural Experiment Station (1925-1949).

Sanderson, Robert Thomas, Ph.D. (Chicago), Associate Professor of Chemistry (1949-1949) (Resigned July 15, 1950).

Sashoff, Stephan Pencheff, M.S., Professor of Electrical Engineering (1932-1946).

Sauer, John Edward, B.S., Assistant Coach (1950-1950).

Savage, Zach, M.S.A., Associate Agricultural Economist, Agricultural Experiment Station (1931-1934).

Sawyer, Earl M., B.S.E., Interim Instructor in Physics (1947-1949).

Sawyer, George William, B.A., Vocational Appraiser, Veterans' Guidance Center (1950-1950).

Sawyer, William Lincoln, M.S., Professor of Engineering Mechanics and Head of Department (1929-1949).

Saxe, Harry Charles, M.S.E., Instructor in Civil Engineering (1949-1949) (On leave 1950-1951).

Scarborough, Truman Guy, M.A.E., Assistant Principal and Teacher, P. K. Yonge Laboratory School (1949-1949).

Schaffer, Nile Clarett, Interim Director of the Florida State Museum (1942-1946).

Schmidt, Doris Theodotia, M.A., Associate Professor of Music (1949-1949).

Schnell, Herman Walker, M.A., Professor of Required Physical Education and Head of Department (1946-1947).

Schoch, Wilfred Leroy, Superintendent of Construction (1935-1935).

Schoonmaker, Lucas Elmendorf, B.S.E.E., Assistant Professor of Electrical Engineering (1947-1947).

Schrader, George F., B.E.E., Instructor in Electrical Engineering (1947-1947).

Schweyer, Herbert English, Ph.D. (Columbia), Professor of Chemical Engineering (1946-1950).

Scoles, Eugene Francis, LL.M., Associate Professor of Law (1949-1949).

Scott, Linus Albert, B.M.E., Instructor in Mechanical Engineering (1948-1948).

Scott, Ned Hobson, M.B.A., Instructor in Accounting (1949-1949).

Scott, Thomas McDonald, M.A.E., Instructor in Required Physical Education (1949-1949).

Scott, William H. O., M.A. in L.S., Reference Assistant, Library (1949-1949).

Scudder, Delton Lewis, Ph.D. (Yale), Professor of Religion and Head of Department (1946-1946).

Scudder, Kenneth T., B.S.F., Instructor in Wood Utilization (1950-1950).

Seaberg, Lillian Marie, B.S. in L.S., University College Librarian (1949-1949).

Seale, Charles Colin, D.I.C.T.A. (Imperial College of Tropical Agriculture), Associate Agronomist, Everglades Experiment Station (1945-1946).

Sellers, Eurus Guy, M.Ed., Interim Engineering Librarian (1950-1950).

Sellers, Frances Evelyn, M.A., Head Resident, Mallory Hall (1949-1949).

Senn, Pettus Holmes, Ph.D. (Wisconsin), Professor of Agronomy and Head of Department (1929-1939).

Shaffer, Charles Vernon, B.E.E., Assistant Research Engineer, Engineering and Industrial Experiment Station (1946-1946).

Sharpe, Ralph Harold, M.S., Associate Horticulturist, Agricultural Experiment Station (1948-1948).

Shealy, Arthur Liston, Jr., B.S.B.A., General Auditor (1949-1949) (Resigned June 30, 1950).

Sherman, David Hartshorn, M.Ed., Teacher, P. K. Yonge Laboratory School (1948-1948).

Sherman, Harley Bakwel, Ph.D. (Michigan), Professor of Biology (1925-1950).

Sherman, Joseph E., B.S., Head, Department of Sports Publicity (1947-1947).

Shields, Murray William, Ph.D. (Washington), Professor of Economics and Marketing (1946-1949).

Shirley, Ray L., Ph.D. (Michigan State), Biochemist, Agricultural Experiment Station (1949-1949).

Showalter, Robert Kenneth, M.S., Associate Horticulturist, Agricultural Experiment Station (1945-1945).

Sikes, Anna Mae, M.S., State Home Demonstration Agent, Agricultural Extension Service, Tallahassee (1928-1950).

Siler, Harry Kittrell, M.S.E., Assistant in Research, Engineering and Industrial Experiment Station (1946-1946) (Resigned March 13, 1950).

Silliman, Charles Vrtacek, LL.B., Assistant Professor of Law (1948-1948) (Resigned January 31, 1951).

Simanton, William Aldrich, Ph.D. (Iowa State), Entomologist, Citrus Experiment Station (1950-1950).

Simmons, Faye Lois, B.S. in L.S., Documents Assistant, Library (1947-1947) (On leave 1950-1951).

Simmons, Glenn Ballard, Ph.D. (Johns Hopkins), Professor of Education and Head of Off-Campus Instruction (1928-1949).

Simons, Joseph H., Ph.D. (California), Professor of Chemical Engineering and Coordinator of Flourine Research, Engineering and Industrial Experiment Station (1950-1950).

Simpson, Charles Floyd, D.V.M. (Cornell), Associate Veterinarian, Agricultural Experiment Station (1948-1948).

Simpson, Thomas Marshall, Ph.D. (Wisconsin), Dean of the Graduate School; Professor of Mathematics and Head of Department (1918-1938).

Sites, John Wilbur, Ph.D. (Ohio State), Horticulturist, Citrus Experiment Station (1942-1947).

Skaggs, Allen Orrin, B.A.J., Editor, News Bureau (1942-1950).

Skinner, Blanche Estelle, M.A.E., Teacher, P. K. Yonge Laboratory School (1945-1945).

Skinner, Thomas Cobb, M.Ag., Assistant Professor of Agricultural Engineering (1947-1949).

Skofield, Harriet Clark, M.A., Cataloger, Library (1945-1945).

Slagle, Dean, LL.B., Professor of Law (1924-1924).

Smith, Alexander G., Ph.D. (Duke), Assistant Professor of Physics (1948-1948).

Smith, Arthur Allen, Interim Instructor in Architecture (1948-1948).

Smith, Charles Bassel, Ph.D. (Wisconsin), Associate Professor of Mathematics (1946-1946).

Smith, David Barry, M.S.S.E., Assistant Professor of Civil Engineering (1949-1949) (On leave 1950-1951).

Smith, Doyle William, B.S., Assistant Chemist, Everglades Experiment Station (1948-1948).

Smith, Edward Frank, E.E., Associate Professor of Electrical Engineering (1928-1937).

Smith, Frederick Burean, Ph.D. (Iowa State), Professor of Soils and Head of Department; Microbiologist and Head of Department, Agricultural Experiment Station (1937-1944).

Smith, Jack Hamlin, B.M.E., Interim Instructor in Mechanical Engineering (1950-1950).

Smith, James Hunn, B.S.M.E., Instructor in Mechanical Engineering (1947-1947).

Smith, Jessee Lee, District Agent, Agricultural Extension Service (1920-1925).

Smith, Joel Allen, LL.B., Assistant Professor of Law (1949-1949) (On leave 1950-51).

Smith, Joseph Gordon, M.A.E., District Supervisor, Vocational Education (1943-1947).

Smith, Martin Harris, B.Arch., Instructor in Architecture (1949-1949).

Smith, Peggy Jane, M.A., Foreign Documents Assistant, Library (1948-1948) (Resigned September 30, 1950).

Smith, Ralph Leslie, M.S., Associate Agronomist, Mobile Unit, Agricultural Experiment Station (1943-1947).

Smith, Reynolds Belden, Ph.D. (New York State College of Forestry), Associate Professor of Wood Technology (1949-1949).

Smith, Sydney Edward, B.E.E., Assistant in Research, Engineering and Industrial Experiment Station (1948-1948).

Smith, T. Lynn, Ph.D. (Minnesota), Professor of Sociology (1949-1949).

Smyth, Cornelius Joseph, LL.B., Professor of Law (1947-1947) (Resigned June 30, 1950).

Sopchak, John Andrew, M.A., Interim Instructor in Physics and Physical Sciences (1949-1949) (Resigned September 30, 1950).

Spache, George, Ph.D. (New York), Head of Reading Laboratory and Clinic and Professor of Education (1950-1950).

Spangler, Byron Dement, M.S.E., Assistant Professor of Civil Engineering (1949-1950).

Specht, Randolph Chillian, B.S.Ch.E., Professor of Chemical Engineering (1944-1944).

Spencer, Ernest Leavitt, Ph.D. (Rutgers), Soils Chemist in Charge, Vegetable Crops Laboratory (1943-1950).

Spinks, Daniel Owen, M.S., Assistant Professor of Soils (1947-1947) (On leave 1950-51).

Spurlock, Alvin Harold, M.S.A., Associate Agricultural Economist, Agricultural Experiment Station (1934-1940).

Stanley, Dennis Keith, M.A.E., Dean of the College of Physical Education, Health and Athletics and Professor of Physical Education (1931-1946).

Stasch, Ann Rita, B.S., Assistant in Chemistry, Central Florida Experiment Station (1950-1950).

Staton, Wesley Morgan, Ed.D. (Boston), Associate Professor of Professional Physical Education (1949-1950).

Stearns, Charles Robert, B.S.A., Associate Chemist, Citrus Experiment Station (1941-1942).

Stearns, Roland Fred, C.W.O., Assistant Professor of Military Science and Tactics (1949-1949).

Stearns, Thomas Wesley, Ph.D. (Minnesota), Associate Professor of Agricultural Chemistry (1946-1949).

Steffens, John F., B.S., Agricultural Statistician, Agricultural Experiment Station (1947-1947).

Steis, William B., M.A., Instructor in Speech (1948-1948).

Stephens, Richard Badenoch, LL.B., Assistant Professor of Law (1949-1949).

Sterling, Hugo Otto, B.S., Assistant Horticulturist, Citrus Experiment Station (1942-1942).

Sterrett, Delbert Ellingsworth, M.A., Instructor in Music (1948-1948).

Stevens, Billie Knapp, M.A., Associate Professor of Professional Physical Education (1936-1947) (On leave 1950-51).

Stevens, Frederick Delos, B.S., Sugarcane Agronomist, Everglades Experiment Station (1930-1930) (Retired June 30, 1950).

Stevens, Grace Adams, M.A., Instructor in Elementary Education (1936-1948) (Retired June 30, 1950).

Stevens, Lorene Helen, B.S., State Girls' Club Agent, Agricultural Extension Service, Tallahassee (1948-1948).

Stevenson, Frank Vernon, M.S., Associate Plant Pathologist, Everglades Experiment Station (1950-1950).

Stoner, Warren Norton, Ph.D. (California), Assistant Plant Pathologist, Everglades Experiment Station (1949-1949).

Storer, Morris Brewster, Ph.D. (Harvard), Professor of Humanities (1947-1947).

Stout, Gerald John, Ph.D. (Ohio State), Professor of Horticulture (1947-1949).

Strickland, Thomas Whitney, M.A.E., Assistant Professor of Secondary Education (1943-1944).

Stripling, Robert Olin, M.A.E., Assistant Professor of Counseling, Placement and Graduate Studies (1941-1946).

Stryker, Philip David, Ph.D. (Northwestern), Assistant Professor of English (1947-1947).

Suit, Ross Frisbie, Ph.D. (Iowa State), Plant Pathologist, Citrus Experiment Station (1945-1946).

Sullivan, Arnold Wayne, M.S.E., Assistant in Research, Engineering and Industrial Experiment Station (1948-1948).

Summerhill, George Winston, M.B.A., Assistant Professor of Accounting (1948-1948).

Summers, Melvin Dale, B.F.A., Assistant Professor of Art (1948-1950).

Susky, John Earle, M.A.E., Vocational Appraiser, Veterans Guidance Center (1950-1950).

Sutton, George Edwin, B.S.M.E., Assistant in Research, Engineering and Industrial Experiment Station (1948-1948).

Svarlien, Oscar, Ph.D. (North Carolina), Associate Professor of Social Sciences (1946-1946).

Swank, George, Ph.D. (Ohio State), Assistant Plant Pathologist, Central Florida Experiment Station (1950-1950).

Swanson, Daniel Cramer, Ph.D. (Cornell), Professor of Physics (1929-1949).

Swanson, Leonard Erwin, D.V.M. (Ohio State), Professor of Veterinary Science and Parasitologist, Agricultural Experiment Station (1941-1949).

Sweeney, Victor Valentine, M.A., Associate Professor of Insurance (1947-1949).

Sweeting, Benjamin, M.A., Vocational Appraiser, Veterans Guidance Center (1945-1945) (Resigned September 30, 1950).

Swett, Manette, M.A., Teacher, P.K. Yonge Laboratory School (1948-1948).

Swift, Leonard Fordyce, M.A., Teacher, P.K. Yonge Laboratory School (1948-1948).

Swinford, Kenneth Roberts, M.S.F., Assistant Professor of Forest Management (1937-1949) (On leave 1950-51).

Tappan, Wayne Rogers, B.A., Instructor in Materials of Instruction (1947-1947).

Tarrant, Paul, Ph.D. (Duke), Assistant Professor of Chemistry (1946-1947).

Tedder, Paul Mathew, B.S.E.E., Research Engineer, Engineering and Industrial Experiment Station (1943-1943).

Telford, George Baldridge, Ph.D. (Iowa), Assistant Professor of Political Science (1947-1947) (Resigned August 31, 1950).

Teller, Morton Herman, M.A.E., Curator of Physics (1943-1949).

TeSelle, Clarence John, LL.B., Professor of Law (1928-1929).

Tew, Roy Edwards, M.A., Assistant Professor of Speech (1937-1942).

Thames, Walter Hendrix, M.S., Assistant Entomologist, Everglades Experiment Station (1948-1948).

Thomas, Gerald Andrew, M.S., Instructor in Chemistry (1946-1950).

Thompson, Arthur William, M.A., Assistant Professor of Social Sciences (1946-1947).

Thompson, Buford Dale, M.S.A., Interim Assistant Horticulturist, Agricultural Experiment Station (1948-1948).

Thompson, Leonard Garnett, Ph.D. (Iowa State), Soils Chemist, North Florida Experiment Station (1945-1946).

Thompson, Robert Alden, M.S. Eng., Professor of Aeronautical Engineering and Head of Department (1933-1946).

Thompson, William Louden, B.S., Entomologist, Citrus Experiment Station (1927-1944).

Thomson, Keith W., M.A., Interim Assistant Professor of Geography (1949-1949) (Resigned August 31, 1950).

Thornton, George Daniel, Ph.D. (Iowa State), Professor of Soils and Soils Microbiologist, Agricultural Experiment Station (1941-1949).

Thurston, James N., D.Sc. (Massachusetts Institute of Technology), Associate Professor of Electrical Engineering (1949-1949).

Tiffin, William T., M.S.M.E., Associate Professor of Mechanical Engineering (1944-1947).

Tilley, Wesley H., M.A., Assistant Professor of Humanities (1949-1949).

Timmons, Doyal Edgar, M.S.A., Agricultural Economist, Agricultural Extension Service (1927-1931).

Tisdale, William Burleigh, Ph.D. (Wisconsin), Professor of Botany and Bacteriology and Head of Department; Plant Pathologist and Head of Department, Agricultural Experiment Station (1922-1939).

Tison, Eunice Pieper, M.A.E., Instructor in Elementary Education (1936-1948).

Tissot, Archie Newton, Ph.D. (Ohio State), Entomologist and Head of Department, Agricultural Experiment Station (1925-1946).

Tomlin, Robert Franklin, LL.B., Assistant Professor of Law (1949-1950).

Topete, Jose Manuel, Ph.D. (Southern California), Interim Assistant Professor of Spanish (1949-1949).

Tornwall, George Edward, M.B.A., Interim Instructor in Accounting (1950-1950).

Torraca, Pasquale Mario, M.Arch., A.I.A., Professor of Architecture (1947-1950).

Townsend, Julius Charles, B.S., Agricultural Statistician, Agricultural Experiment Station (1945-1945).

Townsend, Kenneth Graham, B.S.A., Assistant in Entomology-Pathology, Citrus Experiment Station (1950-1950).

Townsend, Ruth Overstreet, Professional Assistant, Home Economics, Agricultural Experiment Station (1950-1950).

Traxler, Felicia W., M.A., Instructor in Information and Service, General Extension Division (1928-1928).

Trujillo, Vidal, M.A., Assistant Professor of Spanish (1944-1946).

Tucker, Woodson Coleman, M.S., Interim Instructor in Chemistry (1946-1946).

Turner, Glover Manuel, LL.B., Assistant Dean of the General Extension Division and Head of Teacher Training and Adult Education (1929-1945).

Tuthill, Benjamin Palmer, B.S., Assistant in Chemistry, Citrus Experiment Station (1950-1950) (Resigned October 31, 1950).

Tuttle, Frank Waldo, Ph.D. (Iowa), Associate Professor of Economics (1935-1947).

Tyner, Mack, Ph.D. (Cincinnati), Associate Professor of Chemical Engineering (1944-1944).

Valk, Melvin Ehrman, Ph.D. (Wisconsin), Associate Professor of German (1947-1947).

Van Kleeck, Anne Gatewood, M.A., Instructor in Art (1949-1949) (Resigned August 31, 1950).

Van Ness, Glenn, D.V.M. (Kansas State), Associate Professor of Veterinary Science and Associate Poultry Pathologist, Agricultural Experiment Station (1946-1946).

Vedder, Clyde Bennett, Ph.D. (Southern California), Assistant Professor of Social Sciences and Sociology (1948-1948).

Veith, Donald Prior, M.A., Assistant Professor of English (1946-1946) (On leave 1950-1951).

Vermilye, Dyckman Ware, M.A., Resident Advisor, Murphree Hall (1950-1950).

Volk, Gaylord Monroe, Ph.D. (Wisconsin), Soils Chemist, Agricultural Experiment Station (1939-1939).

Voorhees, Richard Kenneth, Ph.D. (Minnesota), Associate Horticulturist, Citrus Experiment Station (1931-1947).

Voss, Elbert, Ph.D. (Florida), Professor of Pharmacognosy and Pharmacology and Head of Department (1948-1948).

Voyles, Louis Vernon, B.A., Assistant University Examiner (1948-1948).

Waglow, Irving Frederick, M.Ed., Assistant Professor of Required Physical Education (1946-1946).

Walker, Biron Helton, M.A., Assistant Professor of English (1942-1947).

Walker, James H., M.S.A., Assistant Soil Surveyor, Agricultural Experiment Station (1949-1949).

Walker, Mary H., M.A., Teacher, P. K. Yonge Laboratory School (1950-1950).

Walker, Robert Dixon, M.S., Professor of Chemical Engineering and Research Engineer, Engineering and Industrial Experiment Station (1944-1944).

Walker, Sue Roberts, B.S., Periodicals Assistant, Library (1947-1947).

Walker, Virginia Hall, Associate Resident, Yulee Hall (1949-1949).

Wallace, Alvin Thomas, Ph.D. (North Carolina State), Assistant Agronomist, Agricultural Experiment Station (1950-1950).

Wallace, Harold Dean, Ph.D. (Cornell), Assistant Professor of Animal Nutrition (1950-1950).

Wallace, Howard Keefer, Ph.D. (Florida), Professor of Biology (1932-1949).

Wallace, Maxwell Joseph, M.A., Instructor in French (1936-1946).

Wallace, Patricia Evelyn, B.S., Interim Social Director of Florida Union (1950-1950).

Wallace, Russell Willis, B.S., Associate Agronomist, Mobile Unit, Agricultural Experiment Station (1942-1942).

Walter, James Munday, Ph.D. (Minnesota), Plant Pathologist, Vegetable Crops Laboratory (1947-1947).

Walters, Kenneth C., M.A., Instructor in Mathematics (1949-1949).

Wander, Irvin Woodrow, Ph.D. (Ohio State), Soils Chemist, Citrus Experiment Station (1947-1947).

Warfel, Harry Redcay, Ph.D. (Yale), Professor of English (1948-1948).

Warner, Jacob Dewey, M.S., Vice Director in Charge, North Florida Experiment Station (1929-1944).

Warren, Barbara K., M.A., Assistant Professor of Art (1949-1950).

WARSHYK, EDWARD A. J., Shop Foreman, Engineering and Industrial Experiment Station (1946-1950).

WATERS, LOUIS ADDISON, M.A., Assistant Professor of Russian (1949-1949) (On leave 1950-1951).

WATHEN, LAWRENCE JAMES, M.A., Instructor in Humanities (1950-1950).

WATKINS, JOHN VERTREES, M.S., Associate Professor of Horticulture (1926-1948).

WATKINS, LAURA JONES, M.A., Instructor in Foundations of Education (1943-1950).

WATKINS, MARSHALL OWEN, M.Ag., Assistant to the Director, Agricultural Extension Service (1941-1945) (On leave 1950-1951).

WATKINS, MAUDE C., M.A.E., Teacher, P. K. Yonge Laboratory School (1946-1948).

WATTENBARGER, JAMES LORENZO, Ed.D. (Florida), Interim Assistant Professor of Foundations of Education (1947-1950).

WEATHERS, JAMES WESLEY, B.S., Captain, Infantry, Assistant Professor of Military Science and Tactics (1948-1948) (Resigned July 31, 1950).

WEAVER, JENNINGS CLARK, Ph.M., Assistant Professor of Speech (1949-1949).

WEBB, BRYAN, M.S.E.E., Interim Instructor in Electrical Engineering (1950-1950).

WEBB, JOHN NYE, Ph.D. (Columbia), Professor of Economics (1943-1944).

WEBB, THOMAS ELLIOT, B.S.A., Assistant in Agronomy, North Florida Experiment Station (1950-1950).

WEBBER, MARION GEORGE, M.S.P., Interim Instructor in Pharmacy (1950-1950).

WEBER, GEORGE FREDERICK, Ph.D. (Wisconsin), Professor of Plant Pathology (1922-1938).

WEEKLY, ELSIE, M.S., Head Resident, Yulee Hall (1949-1949).

WEEKS, JAMES BARNETT, B.S., Assistant in Entomology-Pathology, Citrus Experiment Station (1950-1950).

WEEKS, MARGARET SIGMON, M.A., Associate Professor of Physical Education (1947-1949).

WEIL, JOSEPH, M.S., Dean of the College of Engineering and Professor of Electrical Engineering (1921-1938).

WEIMER, RAE O., Director of the School of Journalism (1949-1949).

WELBORN, ELIZABETH C., M.A.E., Cataloger, Library (1949-1949).

WELCH, A. PHILIP, Ph.D. (Ohio State), Assistant Research Engineer, Engineering and Industrial Experiment Station (1950-1950).

WELCH, LYDIA ERICKSON, M.A.E., Teacher, P. K. Yonge Laboratory School (1948-1948) (Resigned July 7, 1950).

WENZEL, FREDERICK WILLIAM, Ph.D. (Massachusetts), Chemist, Citrus Experiment Station (1948-1948).

WERSHOW, IRVING ROBERT, Ph.D. (Yale), Assistant Professor of Spanish (1946-1946).

WESCOTT, ROGER W., Ph.D. (Princeton), Interim Assistant Professor of Humanities (1950-1950).

WEST, ERDMAN, M.S., Professor of Botany and Botanist and Mycologist, Agricultural Experiment Station (1925-1927).

WEST, STANLEY LEROY, LL.B., B.S. in L.S., Director of Libraries and Professor of Library Science (1938-1948).

WESTFALL, MINTER JACKSON, Ph.D. (Cornell), Assistant Professor of Biological Science (1947-1947).

WESTGATE, PHILIP JOHN, Ph.D. (Cornell), Associate Horticulturist, Central Florida Experiment Station (1943-1949).

WHITE, DAVID CALVIN, Ph.D. (Stanford), Associate Professor of Electrical Engineering (1949-1949).

White, Jake B., B.S.A., Associate Agronomist, Mobile Unit, Agricultural Experiment Station (1941-1944).

White, Joseph Benton, Ph.D. (Peabody), Dean of the College of Education and Professor of Education (1948-1949).

Whitehead, Richard Holmes, B.A., Assistant Registrar (1938-1938).

Whitner, Benjamin Franklin, B.S.A., Assistant Horticulturist, Central Florida Experiment Station (1922-1945).

Whittlesey, Edward Deming, B.A., Director of Public Relations (1949-1949).

Wicklund, Harold Alphonse, B.S., Major, Air Force, Assistant Professor of Air Science and Tactics (1946-1946) (Resigned August 31, 1950).

Wiles, Kimball, Ph.D. (Ohio State), Professor of Education and Chairman of Division of Secondary Education (1950-1950).

Wilgus, A. Curtis, Ph.D. (Wisconsin), Interim Director, Graduate School of Inter-American Studies and Interim Professor of History (1950-1950).

Wilkes, Doris Elaine, M.A., Associate Resident, Grove Hall (1950-1950).

Wilkins, Woodrow W., B.Arch., Instructor in Architecture (1949-1949).

Wilkowske, Howard H., Ph.D. (Iowa State), Assistant Professor of Dairy Manufactures and Assistant Dairy Technologist, Agricultural Experiment Station (1950-1950).

Williams, Clifford David, C.E., Professor of Civil Engineering and Head of Department (1945-1946).

Williams, Herman Barnes, B.M.E., Associate Research Engineer, Engineering and Industrial Experiment Station (1946-1947).

Williams, Osborne, Ph.D. (Chicago), Assistant Professor of Psychology (1927-1927).

Williams, Walter Rollin, Ph.D. (Ohio State), Professor of Education and Head of Industrial Arts and Vocational Education (1942-1947).

Williamson, Edward Charles, M.A., Instructor in History and Collector of Florida Manuscripts (1948-1948).

Williamson, Robert Crozier, Ph.D. (Wisconsin), Professor of Physics and Head of Department (1930-1930).

Willingham, James W., M.S.F., Instructor in Wood Utilization (1950-1950).

Willson, Allan Edmond, B.S.A., Associate Biochemist, Citrus Experiment Station (1947-1948) (On leave 1950-1951).

Wilmot, Royal James, M.S.A., Assistant Horticulturist, Agricultural Experiment Station (1933-1933) (Deceased May 7, 1950).

Wilson, James Larrymore, Ph.D. (North Carolina), Assistant Professor of English (1939-1947).

Wilson, John Wallace, Sc.D. (Harvard), Entomologist, Central Florida Experiment Station (1930-1938).

Wilson, John Wesley, M.S.Eng., Associate Professor of Electrical Engineering (1933-1943).

Wilson, William Harold, Ph.D. (Illinois), Professor of Logic and Head of Department; Counselor (1927-1946).

Wimberly, Stanley Eugene, Ph.D. (Michigan), Assistant Dean of the College of Arts and Sciences and Associate Professor of Psychology (1941-1949).

Winn, Columbia, M.A., Assistant Professor of Foundations of Education (1949-1949).

Winsor, Arthur Nelson, M.S.E., Assistant Professor of Civil Engineering (1945-1948).

Winsor, Herbert Williams, B.S.A., Assistant Chemist, Agricultural Experiment Station (1930-1930).

WIRTALA, ARNOLD ERNEST, M.M., Instructor in Music (1948-1948).

WISE, JACOB HOOPER, Ph.D. (Peabody), Professor of Freshman English and Head of Department (1925-1935).

WISE, WILLIAM MAX, Ed.D. (Columbia), Dean of Student Personnel (1948-1948).

WOFFORD, IRVIN MIRLE, M.S.A., Instructor in Agronomy (1949-1949).

WOFFORD, KATE VIXON, Ph.D. (Columbia), Professor of Elementary Education and Head of Department (1947-1947).

WOISLAWSKI, SIEGFRIED, Ph.D. (Berlin), Assistant Professor of Cancer Research (1949-1949).

WOLF, EMIL ANDREW, M.S., Assistant Horticulturist, Everglades Experiment Station (1948-1948).

WOLFE, HERBERT SNOW, Ph.D. (Chicago), Professor of Horticulture and Head of Department (1930-1938).

WOLFENBARGER, DANIEL OTIS, Ph.D. (Cornell), Entomologist, Subtropical Experiment Station (1945-1948).

WOLFF, GEORGE ELLIOTT, M.A., Instructor in Social Sciences (1948-1948).

WOODLEY, MARIE YOUNG, B.S., Assistant in Research, Engineering and Industrial Experiment Station (1948-1948) (Resigned March 31, 1950).

WOODRUFF, GEORGE ROBERT, B.S.Eng., Head Football Coach and Director of Intercollegiate Athletics (1950-1950).

WORCESTER, DONALD EMMET, Ph.D. (California), Assistant Professor of History and Social Sciences (1947-1947).

WUNDERLICH, HENRY, Ph.D. (Texas), Associate Professor of Psychology (1945-1947).

WYATT, JOHN WALTON, LL.M., Assistant Professor of Business Law (1948-1950).

WYKE, EDWARD DEAN, B.Arch., Instructor in Architecture (1949-1949) (Resigned August 31, 1950).

YODER, LOWELL CURTIS, M.A., Associate Professor of Marketing (1949-1949).

YON, EVERETT MARION, B.S., Administrative Assistant, Intercollegiate Athletics (1950-1950).

YONGE, JULIEN CHANDLER, Director, P. K. Yonge Library of Florida History (1944-1944).

YONGE, PHILIP KEYES, LL.B., Assistant Professor of Law (1949-1949).

YOUNG, FRANK NELSON, Ph.D. (Florida), Assistant Professor of Biological Science (1946-1946) (Resigned June 30, 1950).

YOUNG, JOHN ADAMS, M.A., Interim Instructor in Chemistry (1947-1947) (Resigned July 31, 1950).

YOUNG, JOHN WILLIAM, M.A., Instructor in Mathematics (1946-1946).

YOUNGS, MARIAN AMELIA, M.A. in L.S., Head of Audio-Visual Aids Department, Library (1934-1950).

ZETROUER, WALLACE FEASTER, M.S.E., Assistant in Research, Engineering and Industrial Experiment Station (1943-1946).

ZIEGLER, EDWIN ALLEN, M.A., Sc.D. (Franklin and Marshall), Professor of Forest Economics and Management (1937-1937).

ZIEGLER, LOUIS WILLIAM, M.S.A., Assistant Professor of Horticulture (1930-1947).

ZIEGLER, RAYMOND JOHN, M.B.A., Instructor in Statistics (1949-1949).

ZIMPFER, WALTER HENRY, M.S., Assistant Professor of Civil Engineering and Assistant Research Engineer, Engineering and Industrial Experiment Station (1950-1950).

ZINN, CHARLES JOSEPH, M.D. (Pennsylvania), University Physician (1947-1947).

MEMBERS OF THE FACULTY WHO RETIRED PRIOR TO THE 1950-1951 SESSION

Atkin, Ernest George, Ph.D. (Harvard), Professor of French (1950).

Blacklock, Raymond William, B.A., State Boys' Club Agent, Agricultural Extension Service (1949).

Bristol, Lucius Moody, Ph.D. (Harvard), Professor Emeritus of Sociology (1945).

Bristol, Mary Cornell, B.S., Biology Librarian (1949).

Brown, Hamlin L., B.S.A., Dairy Husbandman, Agricultural Extension Service (1946).

Cawthon, William Stanmore, M.A., Associate Professor of History and Political Science (1942).

Cockrell, Robert Spratt, LL.B., Professor Emeritus of Law (1940).

Crago, Alfred, Ph.D. (Iowa), Head, Veterans Guidance Center (1950).

Crandall, Clifford Waldorf, LL.B., LL.D., Professor Emeritus of Law (1949).

DeBusk, Ezra Franklin, B.S., Citriculturist, Agricultural Extension Service (1947).

Dunn, Charlotte Delia, M.A., Instructor in Education (1950).

Evans, William Edgar, B.S.A., Sarasota County Agent (1949).

Farr, James Marion, Ph.D. (Johns Hopkins), Professor Emeritus of English (1942).

Farris, Lester Collins, M.A., Associate Professor of English (1948).

Fineren, William W., M.E., Research Engineer, Engineering and Industrial Experiment Station (1945).

Fulk, Joseph Richard, Ph.D. (Nebraska), Professor of Public School Administration (1945).

Graham, Klein Harrison, LL.D., Business Manager (1948).

Hathaway, William Byron, M.A., Associate Professor Emeritus of Spanish (1944).

Hume, H. Harold, D.Sc. (Clemson), Litt.D. (Florida), Provost Emeritus for Agriculture; Dean Emeritus of the College of Agriculture (1949).

Leake, James Miller, Ph.D. (Johns Hopkins), Professor Emeritus of History (1950).

Little, Wilbert Alva, M.A., Professor Emeritus of Ancient Languages (1945).

Mowry, Harold, M.S.A., D.Sc. (Florida), Director of the Agricultural Experiment Station (1950).

Nettles, William Thomas, B.S., District Agent, Agricultural Extension Service (1947).

Perry, William Sanford, M.S., Associate Professor of Physics (1947).

Reed, Percy Lawrence, M.S., Professor of Civil Engineering (1945).

Rogers, Ruby Rose, M.A.E., Instructor in Education (1949).

Shealy, Arthur Liston, D.V.M. (McKillip), Head Professor of Animal Husbandry and Animal Husbandman and Head of Department, Agricultural Experiment Station and Agricultural Extension Service (1949).

Sheely, Walter Jefferson, B.S., Animal Husbandman, Agricultural Extension Service (1949).

Spencer, Arthur Percival, M.S., Director of the Agricultural Extension Service (1947).

Stevens, Frederick Delos, B.S., Sugarcane Agronomist, Everglades Experiment Station (1950).

Stevens, Grace Adams, M.A., Instructor in Elementary Education (1950).

Tigert, John James, M.A. (Oxon), LL.D., Ed.D., D.C.L., D. Litt., L.H.D., F.R.S.A., President Emeritus of the University (1947).

Trusler, Harry Raymond, LL.B., Dean Emeritus of the College of Law (1947).

Walker, Edgar Smith, B.S., Professor of Mechanical Engineering (1945).
Willoughby, Claude Houston, M.A., Professor of Animal Husbandry (1947).
Yeaton, Philip O., B.S., Professor of Industrial Engineering (1947).

COUNTY AND HOME DEMONSTRATION AGENTS, AGRICULTURAL EXTENSION SERVICE

Armor, Jadie O., B.S.A.E., Assistant Hillsborough County Agent (1941-1941).
Atkinson, Ethel, B.A., Escambia County Home Demonstration Agent (1929-1929).
Ayers, Edward Lee, B.S., Manatee County Agent (1922-1924).
Baetzman, Frederick Ernest, B.S.A., Orange County Agent (1935-1935).
Baillie, A. David, B.S.A., Marion County Agent (1943-1950).
Barber, Frederick William, B.S.A., Okaloosa County Agent (1936-1939).
Barco, Johnnie Frank, B.S.A., Assistant Manatee County Agent (1950-1950).
Beck, Muriel Agnes, B.S.H.E., Osceola County Home Demonstration Agent (1950-1950).
Beem, Jean, B.S.A., Assistant Hillsborough County Agent (1948-1949).
Bell, Stuart Craig, B.S.A., Holmes County Agent (1940-1940).
Below, Charles Clayton, M.Ag., Assistant Alachua County Agent (1950-1950).
Blitch, Loonis, B.A.E., Alachua County Agent (1931-1931).
Booth, Edwin W., B.S.A., Assistant Hillsborough County Agent (1946-1946).
Botts, Lora A., B.S., Santa Rosa County Home Demonstration Agent (1947-1947).
Boudet, Marcel A., B.S.A., Indian River County Agent (1943-1943).
Boyles, Clifford R., Okeechobee County Agent (1945-1945).
Brabson, Catherine, M.S., Highlands County Home Demonstration Agent (1945-1945).
Brinkley, Harry John, M.S.A., Hernando County Agent (1941-1941).
Brock, Marguerite Rish, B.S.H.E., Walton County Home Demonstration Agent (1946-1947).
Brothers, Shelby Lee, B.S.A., Lafayette County Agent (1935-1935).
Brown, Laleah Burnett, B.S., Sarasota County Home Demonstration Agent (1947-1947).
Brownlee, Mary L., B.S.H.E., Washington County Home Demonstration Agent (1948-1948).
Buffington, Mary D., B.S.H.E., Assistant Escambia County Home Demonstration Agent (1950-1950).
Campbell, John Douglas, B.S.A., Assistant Dade County Agent (1947-1947).
Carlton, Minnie McClamrock, B.S., Polk County Home Demonstration Agent (1949-1950).
Causey, John Hjalmar, B.S.A., Assistant Palm Beach County Agent (1948-1948).
Clark, Bernard Hentz, B.S.A., Assistant Gadsden County Agent (1948-1948).
Clark, Kenneth A., B.S.A., Sarasota County Agent (1942-1942).
Clay, Ralph Thomas, B.S.A., Assistant Putnam County Agent (1949-1949).
Clemmons, Alexander Herschel, B.S.A., Assistant Leon County Agent (1948-1948).
Colson, Lucille B., B.S.H.E., Assistant Duval County Home Demonstration Agent (1947-1947).
Cowen, Elizabeth Mae, B.S., Suwannee County Home Demonstration Agent (1949-1949).
Cowen, William Joshua, B.S.A., Union County Agent (1946-1948).

Croom, Laurena, B.S., Holmes County Home Demonstration Agent (1948-1948).

Cunningham, Lemuel Edward, B.S.A., Assistant Pinellas County Agent (1947-1947).

Curtis, Mary Agnes, B.S.H.E., Jefferson County Home Demonstration Agent (1948-1948).

Dally, Mary M., B.S., Dixie County Home Demonstration Agent (1949-1949) (Resigned August 31, 1950).

Daugherty, Mamie Skinner, B.S., Assistant Marion County Home Demonstration Agent (1947-1947).

Daughtry, Nellie M., B.S., Leon County Home Demonstration Agent (1948-1948).

Davis, Anne Dorsey, B.S.E., Manatee County Home Demonstration Agent (1946-1946).

Davis, Henry Pittman, B.S.A., Assistant Santa Rosa County Agent (1950-1950).

Davis, Johnnie Everette, B.S.A., Assistant Manatee County Agent (1948-1948).

Dawson, Charles Ralph, M.S.A., Seminole County Agent (1934-1934).

Denington, Frances Poyner, B.S., Hardee County Home Demonstration Agent (1949-1949).

Dickenson, Elizabeth Carrie, B.S., Orange County Home Demonstration Agent (1941-1941).

Dickinson, Clarence Leroy, B.S.A.E., Dixie County Agent (1943-1943).

Driggers, Albert Gilchrist, B.S.A., Gadsden County Agent (1945-1945).

Eby, Edna Louise, B.S.H.E., Volusia County Home Demonstration Agent (1943-1948).

Edson, Seton Norman, M.S., Assistant Pinellas County Agent (1950-1950).

Edwards, J. Lawrence, B.S.A., Assistant Dade County Agent (1935-1936).

Elkins, Ruth McKeown, B.S.H.E., Taylor County Home Demonstration Agent (1942-1942).

Ellis, Gordon Brooks, Nassau County Agent (1944-1946).

Eubanks, Floyd Lee, B.S.A., Suwannee County Agent (1949-1950).

Frazier, Doris E., B.S., Assistant Polk County Home Demonstration Agent (1950-1950).

Gatlin, Florence Lou, B.S., Calhoun County Home Demonstration Agent (1949-1949).

Gay, Eunice F., B.A., Brevard County Home Demonstration Agent (1934-1934).

George, Harry E., M.A., Gilchrist County Agent (1946-1946).

Glenn, Woodrow Wilson, B.S.A., Jackson County Agent (1944-1944).

Grady, Eunice, M.S., Dade County Home Demonstration Agent (1934-1934).

Green, Fred Jackson, B.S.A., Assistant Calhoun County Agent (1949-1949).

Griffis, Raleigh Sidney, M.Ag., Assistant Hillsborough County Agent (1949-1949) (Resigned May 31, 1950).

Gunn, June Rawls, B.S.A.E., Osceola County Agent (1923-1923).

Hamrick, Oliver E., M.Ag., Assistant Lake County Agent (1950-1950).

Harrell, Aubrey Luther, B.S.A., Assistant Columbia County Agent (1950-1950).

Harris, Bert Jerome, B.S.A., Assistant Highlands County Agent (1948-1948).

Harrison, Henry Oscar, B.A.E., Washington County Agent (1944-1946).

Hayman, William Paul, B.S.A., Polk County Agent (1928-1928).

Heath, Alyne Carter, Jackson County Home Demonstration Agent (1943-1943).

Heist, Anna Eugenia, B.S.H.E., St. Johns County Home Demonstration Agent (1917-1917).

Heuck, Carl Peter, B.S.A., Lee County Agent (1926-1926).

Higgins, James Francis, M.A., Pasco County Agent (1944-1944).

Horton, Sara, M.A., Palm Beach County Home Demonstration Agent (1945-1945).

Huggins, George Thomas, B.S.A., Baker County Agent (1941-1950).

Hutchison, Arnold Glen, Glades County Agent (1942-1942).

Inscoe, Lucile Josie, B.S.H.E., Martin County Home Demonstration Agent (1945-1945).

Jernagan, Julia Price, B.S., Nassau County Home Demonstration Agent (1947-1947).

Johnson, Hubert L., Hendry County Agent (1944-1944).

Johnson, Levi Mott, B.S.A., Martin County Agent (1944-1944).

Jones, Ralph Fisher, B.S.A., Assistant Duval County Agent (1950-1950).

Jones, Thomas Byron, B.S.A., Calhoun County Agent (1948-1948).

Kelly, Earl McNeil, B.S.A., Assistant Sumter County Agent (1950-1950).

Kendrick, Wilson Harper, B.S.A., Assistant Polk County Agent (1946-1946).

Kent, Olga Mary, B.S.H.E., Assistant Dade County Home Demonstration Agent (1935-1935).

Kierce, Sterner Clive, B.S.A., Suwannee County Agent (1934-1934) (Resigned September 30, 1950).

Killgore, Sammie Jordan, B.S., St. Lucie County Home Demonstration Agent (1948-1950).

Kime, Charles Davidson, B.S., St. Lucie County Agent (1917-1944).

King, Emily Elizabeth, B.S., Assistant Hillsborough County Home Demonstration Agent (1946-1946).

Kiser, Lora Antoinette, B.S.H.E., Hillsborough County Home Demonstration Agent (1946-1946).

Laffitte, Elise Nolting, Gadsden County Home Demonstration Agent (1923-1925).

Laffitte, Pearl Garnet, B.S., Duval County Home Demonstration Agent (1919-1920).

Laird, Addison Shuler, M.S.A., Wakulla County Agent (1936-1936).

Laird, Cubie R., B.S.A., Gulf County Agent (1945-1945).

Lander, Donald Wilson, M.A., Assistant Sarasota County Agent (1950-1950).

Lattimer, Charlotte M., B.S.H.E., Pinellas County Home Demonstration Agent (1950-1950).

Lawton, Albert Sidney, B.S., Duval County Agent (1927-1927).

Lawton, Beverly Eldridge, B.S., Broward County Agent (1921-1932).

Logan, John Henry, B.S.A., Pinellas County Agent (1927-1927).

McCall, Emmett Dehryl, B.S.A.E., Santa Rosa County Agent (1942-1942).

McClane, Thomas K., B.S.A., Bradford County Agent (1936-1936).

McCloud, Daniel David, B.S.A., Taylor County Agent (1935-1935).

McIntyre, Archibald Edward Carson, B.S.A., Assistant Dade County Agent (1949-1949).

McMullen, P. R., B.S.A., St. Johns County Agent (1933-1933).

McQueen, Nathaniel Holderby, B.S.A.E., Charlotte County Agent and Assistant 4-H Club Agent (1935-1942).

McSwine, Josephine H., B.S.H.E., Alachua County Home Demonstration Agent (1945-1945).

Maines, Orlando Melvin, B.S.A., Sumter County Agent (1942-1942).

Malone, Joseph Wheeler, B.S., Jefferson County Agent (1929-1929).

Maltby, Hubert Edmond, Putnam County Agent (1943-1943).

Medlin, Quentin, B.S.A., Citrus County Agent (1947-1950).

Michaud, Mildred Johnson, B.S.H.E., Assistant Palm Beach County Home Demonstration Agent (1943-1943).

Miller, Herbert Leroy, B.S.A., Collier County Agent (1950-1950).

Miller, Lucie Kramer, B.S., Lake County Home Demonstration Agent (1936-1936).
Mills, James Raymond, B.S.A., Baker County Agent (1937-1937) (Resigned August 31, 1950).
Mounts, Marvin Umphrey, Palm Beach County Agent (1925-1929).
Murphy, Sue Powers, B.S., Levy County Home Demonstration Agent (1950-1950).
Nesmith, Ambrose E., B.S.A., Hamilton County Agent (1947-1947).
NeSmith, James, M.S.A., Assistant Brevard County Agent (1950-1950).
Norris, Robert Elfred, B.S.A., Lake County Agent (1935-1937).
Odom, Albert Hill, B.S.A., Assistant Escambia County Agent (1947-1947).
Oxer, Van Tuyl, B.S.A., Highlands County Agent (1944-1944).
Oxford, James Thomas, B.S.A., Brevard County Agent (1942-1942).
Platt, William J., M.S.A., Volusia County Agent (1936-1936).
Pryor, Robert Shepherd, B.S., Assistant Broward County Agent (1946-1946).
Radney, Camilla R., B.S., Liberty County Home Demonstration Agent (1947-1947).
Revell, Wilma Alsobrook, B.S., Gulf County Home Demonstration Agent (1945-1945) (Resigned June 30, 1950).
Rhoden, James Lloyd, B.S.A., Leon County Agent (1946-1946).
Rickenbaker, Thomas Dewey, B.S., Levy County Agent (1936-1936).
Robbins, Carey Arnett, B.S.A., Assistant Marion County Agent (1949-1949).
Roberts, Irene, M.A., St. Lucie County Home Demonstration Agent (1948-1948) (Resigned August 31, 1950).
Roesel, Tillie A., M.S.A., Sumter County Home Demonstration Agent (1927-1927).
Ross, Dorothy P., B.S.H.E., Bradford County Home Demonstration Agent (1947-1948).
Rowan, Edsel Wright, B.S.A., Assistant Citrus County Agent (1950-1950).
Rush, Allie Lee, B.S., Marion County Home Demonstration Agent (1929-1929).
Sewell, Glenn McClellan, Columbia County Home Demonstration Agent (1945-1945).
Smith, J. B., B.S.A., Assistant Pasco County Agent (1950-1950).
Sorenson, Johannes August, Bay County Agent (1943-1944).
Speer, Herbert L., M.S.A., Assistant Palm Beach County Agent (1943-1946).
Starbird, Elizabeth Williams, B.S., Putnam County Home Demonstration Agent (1942-1942).
Stearns, Mary R., B.S.H.E., Pasco County Home Demonstration Agent (1950-1950).
Steffani, Charles Henry, Dade County Agent (1926-1928).
Stephens, Eugene Norbert, B.S.A., Escambia County Agent (1941-1941).
Stevenson, Emma Louise, B.S.H.E., Gulf County Home Demonstration Agent (1946-1950).
Sumners, Fred Clifton, B.S.A., Madison County Agent (1948-1950).
Swanson, Henry Frederick, B.S.A., Assistant Orange County Agent (1948-1948).
Taylor, Anna Ruth, B.S.H.E., Assistant Dade County Home Demonstration Agent (1948-1948).
Taylor, Eula Louise, B.S., Broward County Home Demonstration Agent (1937-1937).
Thomas, Muriel Gladys, B.S.H.E., Assistant Pinellas County Home Demonstration Agent (1950-1950).
Townsend, Thomas Ralph, B.S.A., Assistant Volusia County Agent (1948-1948).
Turner, Doris R., B.S., Citrus County Home Demonstration Agent (1941-1941).
Vance, Edmund Hume, B.S.A., Hardee County Agent (1928-1928).
Warren, Emma Sue, B.S., Assistant Duval County Home Demonstration Agent (1949-1949).

WATSON, JAMES N., B.S.A., Columbia County Agent (1946-1949).
WHITE, ALEC, B.S.A., Hillsborough County Agent (1935-1935).
WILDER, BENNIE F., Madison County Home Demonstration Agent (1936-1936).
WILKINS, MITCHELL, B.S.A., Walton County Agent (1928-1928).
WILLIAMS, VIRGINIA BRYAN, B.S., Levy County Home Demonstration Agent (1949-1949) (Resigned June 30, 1950).
WOODARD, LILA, B.S., Seminole County Home Demonstration Agent (1944-1944).
WOODBERY, IVAN S., B.S., Assistant Gadsden County Home Demonstration Agent (1947-1947).
WOODS, WILLIAM LYLE, B.A., DeSoto County Agent (1943-1943).
ZORN, WILLIAM CARLTON, B.S.A., Assistant Jackson County Agent (1949-1949).

GENERAL INFORMATION

HISTORICAL NOTE

The University of Florida is a combined state university and land-grant college located approximately in the center of the State. While its beginnings go back to the days previous to Florida's admission to the Union in 1845, its first college—the College of Arts and Sciences—did not open until 1853. A few years later the passage of the Morrill Act, providing lands for state institutions of higher learning which would promote agriculture, mechanical arts, and military science, resulted in the beginnings of the College of Agriculture, the College of Engineering, and the Agricultural Experiment Station.

By 1905 there were a half-dozen state-supported institutions of higher learning in Florida, located in various parts of the State and struggling for existence. At that time the Florida Legislature took a step unprecedented in the history of education in any state by passing the Buckman Act which abolished the six State Colleges and provided for the establishment of two new institutions, of which the University of Florida was one. It was established, for men, at Gainesville and placed under the directions of the Board of Control, a body created by the Buckman Act, composed of five members representing the five geographical sections of the State, and serving without compensation, except for travel and incidental expenses incurred in the performance of duty. Under the Constitution of Florida all responsibility for the State educational institutions is vested in the State Board of Education, an ex-officio body composed of the Governor, the State Superintendent of Public Instruction, the Secretary of State, the Attorney General, and the State Treasurer. All acts of the Board of Control are subject to the approval of the Board of Education. In 1947 the university was made co-educational.

SETTING AND ENVIRONMENT

The University of Florida is located on the western fringe of Gainesville, a city with a population of about 18,000. Situated in the rolling highlands of central Florida, midway between the Atlantic Ocean and the Gulf of Mexico, the city is fortunate in its natural endowments. Its temperature ranges throughout the year are those of semi-tropical climate, the mean average temperature being 69.9 degrees. Extremes of heat are unknown and frost rarely occurs. These favorable conditions, together with the relatively slight variations in humidity, insure an equable climate that is ideally suited the year round for study, recreation, and rehabilitation.

In addition to its moderate climate, Gainesville offers many other advantages to students of the University. Well known as a winter resort, it is excellently equipped with a wide variety of recreational facilities. The city golf course is within easy reach of the campus, and swimming and boating accommodations are available at nearby springs and rivers. The lakes in the vicinity abound in fresh-water fish, while the Atlantic Ocean and the Gulf of Mexico, meccas of deep-sea fishermen, are within a two hours' drive. As the seat of Alachua County, the city is the focal point of diversified industrial and farming activities.

A modern and well governed municipality, Gainesville has the distinction of being one of the cleanest and most progressive cities in the State. Its people are hospitable and cooperative, and the moral and religious atmosphere is wholesome. Churches that are active include the Presbyterian, Baptist, Lutheran, Methodist, Catholic, Episcopal, Christian Adventist, Christian Scientist, Church of Christ, Christian and Missionary Alliance, Advent Christian, B'nai Israel, and the First Church of the Nazarene. Several of these denominations maintain chapels adjacent to the campus. These include Crane Hall

(Roman Catholic), the Baptist Student Union, Wesley Foundation (Methodist), Chapel of the Incarnation (Episcopal), the Presbyterian Student Center, and the Hillel Foundation (Jewish). All of the chapels carry on extensive programs of vital interest to University students.

The city is served by the Atlantic Coast Line Railroad and the Seaboard Air Line Railway. A schedule of daily bus service, with connections to all points in the United States, is maintained by the Florida Motor Lines and Trailway Tour Bus Line. Eastern Air Lines serves Gainesville with daily flights with connections to all parts of the United States.

ORGANIZATION OF THE UNIVERSITY

GOVERNMENT OF THE UNIVERSITY

Direct supervision over the University of Florida, its policies and affairs is vested in the Board of Control, a body composed of five citizens from different regions of the state who are appointed by the Governor for a term of four years. All actions of the Board of Control are subject to the final approval by the State Board of Education, composed of the Governor, who is chairman, the Secretary of State, the Treasurer, the Attorney General and the Superintendent of Public Instruction, secretary.

University affairs are administered by the president with advice and assistance of the Academic Council and the Administrative Council. The legislative body of the University is the University Senate.

UNDERGRADUATE INSTRUCTION

THE LOWER DIVISION

The University College administers all of the work for the freshman and sophomore years, offering a program which includes the basic comprehensive courses in the major areas of knowledge and the courses prerequisite to the advanced work in the colleges and schools of the Upper Division. Upon the successful completion of the University College program, a student receives the Certificate of Associate of Arts.

THE UPPER DIVISION

The College of Agriculture offers curricula in all of the major fields of agriculture and grants the degree Bachelor of Science in Agriculture.

The College of Architecture and Allied Arts offers curricula in architecture, building construction, landscape architecture, drawing, painting, commercial art, and interior design and crafts and confers the degrees of Bachelor of Architecture, Bachelor of Building Construction, Bachelor of Landscape Architecture, Bachelor of Fine Arts and Bachelor of Applied Arts.

The College of Arts and Sciences offers curricula leading to degrees of Bachelor of Arts, Bachelor of Science, and Bachelor of Science in Chemistry with opportunities for specializing in all liberal art fields. It gives many of the courses in mathematics, science, social sciences and humanities required in the curricula of other colleges.

The College of Business Administration offers curricular programs leading to the degree Bachelor of Science in Business Administration with specialization in all of the fields of business and a program in public administration leading to the degree, Bachelor of Science in Public Administration.

The College of Education has curricula in elementary and secondary school instruction leading to the degrees of Bachelor of Science in Education or Bachelor of Arts in Education. It also conducts an in-service program for the teachers of the state. It also administers the P. K. Yonge Laboratory School enrolling students from the kindergarten through the secondary school program.

The College of Engineering offers curricula leading to the degrees of Bachelor of Aeronautical Engineering, Bachelor of Chemical Engineering, Bachelor of Civil Engineering, Bachelor of Electrical Engineering, Bachelor of Industrial Engineering and Bachelor of Mechanical Engineering.

The School of Forestry is a unit of the College of Agriculture, offering a professional curriculum in forestry and wildlife management leading to the degree of Bachelor of Science in Forestry.

The School of Journalism is a unit of the College of Arts and Sciences. It offers curricula leading to the degree, Bachelor of Science in Journalism.

The College of Law offers a curriculum leading to the degree, Bachelor of Laws.

The College of Pharmacy offers a curriculum leading to the degree of Bachelor of Science in Pharmacy.

The College of Physical Education, Health and Athletics administers the Student Health Service, required physical education program, intramural athletics and offers a professional curriculum leading to the degree of Bachelor of Science in Physical Education and Health.

SPECIAL INSTRUCTIONAL UNITS SERVING ALL COLLEGES AND SCHOOLS

The Division of Music has the responsibility for such musical organizations as the University Bands, Orchestras and Glee Clubs and offers courses in the following areas: (1) Theory of Music, (2) History, Literature and Appreciation, (3) Applied Music, (4) Music Education, and (5) Ensemble Music.

The Division of Military Science and Tactics gives the four-year program of the R.O.T.C. leading to a reserve commission in Field Artillery, Infantry, Air Force Administration, Air Force Supply or Transportation Corps.

The Department of Required Physical Education administers the program in physical fitness and sports required of all students.

The Radio Broadcasting curriculum offers opportunity for specializing in radio work including operation, programming and commercial aspect.

GRADUATE INSTRUCTION

The Graduate School offers programs leading to the degrees of Doctor of Philosophy in a number of fields, Doctor of Education, Master of Arts, Master of Science, Master of Arts in Education, Master of Arts in Architecture, Master of Arts in Building Construction, Master of Fine Arts, Master of Science in Agriculture, Master of Science in Engineering, Master of Science in Forestry, Master of Science in Pharmacy, Master of Agriculture, Master of Education, Master of Business Administration and Master of Physical Education and Health. All students pursuing work leading to these advanced degrees are registered in the Graduate School. All instruction is carried on by the faculties of the colleges and schools listed above.

STUDENT LIFE

Description of the various services, facilities and activities and regulations concerned with student life will be found elsewhere in the catalog. The Office of the Dean of Student Personnel has the responsibility of coordinating a majority of these factors affecting non-instructional aspects of student life.

INSTRUCTIONAL SERVICE UNITS

The Dean of the University assists the administration in the improvement of instruction, the correlating of instructional activities, the adjusting of teaching loads, and in keeping personnel records of the academic staff.

The Board of University Examiners formulates and administers policies governing comprehensive examinations and also determines and administers the requirements for admission to the University.

The Business Manager has the responsibility for collecting and disbursing of funds, purchasing, auditing, and maintenance of property, buildings and grounds.

The Inter-American Institute was established on June 2, 1930, to foster better educational and cultural relations between the countries of the Western Hemisphere.

The Faculty Committee on Inter-American Affairs, appointed by the President of the University, is the governing body of the Institute and controls the policies and program with the guidance and recommendations of the Advisory Council, made up of individuals pre-eminent in their separate fields and especially interested in Inter-American Affairs. The executive officer is the Director appointed by the President of the University, and directly responsible to him and to the Faculty Committee for the performance of his duties.

The Inter-American Institute was founded with the following specific aims: (1) to foster international good will between the Americas, (2) to promote the teaching of Western Hemisphere languages and civilizations in schools, colleges and universities, (3) to encourage the exchange of students and professors between colleges and universities of the Americas, (4) to hold conferences and institutes on Inter-American Affairs, (5) to stimulate specific studies common to the Americas, (6) to promote an interplay of cultural ideals, (7) to stimulate exchange of ideas, and (8) to advance Inter-American interests in all fields of human endeavor.

The Office of the Registrar has charge of the registration of students, the maintenance and evaluating of academic records, and the issuance of transcripts of student records.

UNIVERSITY OF FLORIDA LIBRARIES SERVICES

The University Libraries, consisting of the General Library and 12 college, school and departmental libraries, contain more than 450,000 volumes and receive currently approximately 3500 serials.

The larger part of the library holdings are kept in the General Library building where four reading rooms offer seating space for 1200 readers. Located on the first floor is the University College Reading Room which has on open shelves some 8000 volumes useful to students in the first 2 years of college. The Humanities Reading Room and the Social Sciences Reading Room, on the second floor, are designed primarily as centers of library activity for the upperclassmen in the humanistic and the social studies. Around the walls on open shelves in each of these rooms are approximately 15,000 volumes and current issues of learned journals. On the third floor is the Science

Reading Room with books and complete sets of journals in psychology, general science, mathematics, physics, geology and geography. Additional services in the General Library are the Browsing Room for recreational reading, the Map Alcove and Reading Room, music rooms, seminar rooms, and carrels and study cubicles for faculty members and graduate students.

The Library collection is particularly strong in Floridiana with research centered in the P. K. Yonge Library of Florida History, located on the first floor of the General Library building. Manuscripts and books by Florida authors are collected in the Florida Authors Room which is the center for activity in creative writing.

Libraries for Agriculture, Architecture and Allied Arts, Biology, Chemistry-Pharmacy, Education, Engineering, Forestry and Law are located in or near buildings housing the corresponding instructional units. The library serving the extension activities of the University is located in the Seagle Building. The P. K. Yonge Laboratory School Library serves the Laboratory School.

The General Library is open Monday through Friday from 8:00 A. M. to 10:00 P. M. On Saturday the hours are from 8:00 A. M. to 5:00 P. M.; on Sunday from 2:00 to 5:00 P. M. and 7:00 to 10:00 P. M. The University College Reading Room is open until midnight daily except Saturday. When there are changes in the library schedule for holidays, a holiday schedule is posted.

GENERAL STATE AND UNIVERSITY AGENCIES

The Agricultural Extension Service selects, prepares, and distributes information derived from research and observation by specialists in agriculture. It assists county and home agents in the practical application of recommendations useful for county programs. The county extension agents help the rural people of the state to carry on demonstration work, and make available to them the benefits of research and teaching. The program of this service is coordinated with similar programs of federal agencies.

The General Extension Division organizes and supervises extension classes, correspondence courses, workshops, conferences, and short courses for professional, educational, occupational, and cultural groups; provides loan collections of books and audio-visual aids; and maintains adult education consultation services for individuals and organizations. The Division also serves the Florida State University and the Florida Agricultural and Mechanical College. The faculty of all three institutions participate in its program.

The Division of Public Relations coordinates the work of interpreting the University's aims, policies and needs through the media of newspapers and radio and special brochures, pamphlets and pictures.

The Division of Alumni Affairs maintains contact with alumni of the University and coordinates the activities of the various state alumni clubs. It publishes the *Florida Alumnus,* a quarterly magazine containing news items about alumni and University activities.

The Florida State Museum was created by an act of the legislature in 1917 as a department of the University of Florida.

The main objective of the Florida State Museum is to collect, preserve and interpret data concerning the history of Florida, both natural and civil. In the natural history of the state the endeavor is to collect the minerals and exhibit them in connection with their manufactured products of economics and commerce; to collect the fossils of vegetable and animal life showing the evolution of life through the geologic ages; to collect specimens of recent vegetable and animal life illustrating the flora and fauna of the state in

connection with their economic and commercial enterprises. In the civil history of the state the endeavor is to collect material and data of the works of mankind from the early aborigines on up through the beginning of civilization to the present time; to maintain exhibits of artifacts of early man, and exhibits of articles in the economic, industrial and social life showing the advancement of civilization.

Other objectives are to maintain a department of archives for the preservation of the records of the state; to maintain a library of publications pertinent to the general and diversified activities of the museum; to maintain a gallery of art for the preservation and exhibit of portraits of persons who have been responsible for making Florida a better place to live, and for the exploitations of works of art for the edification of and as a social center for our citizens; to maintain a department of museum extension among the schools and communities of the state; to publish reports, bulletins, and monographs of the progress of the work are some of the activities for which the Florida State Museum strives, and for which the law provides.

WRUF, State and University of Florida Radio Station, operates on 850 kilocycles, with a power of 5,000 watts until sunset Denver, then 100 watts by special authorization of the Federal Communications Commission. It is an affiliate of the Mutual Broadcasting System.

One of WRUF's more important functions is that of furnishing practical experience to students enrolled in the Radio Broadcasting Training program of the University. The extent to which this policy is applied is demonstrated by the fact that the operating personnel of WRUF consists almost entirely of University students specializing in radio work, and the effectiveness of this training is demonstrated by the nationwide reputation which WRUF has achieved for developing some of this country's leading announcers and radio executives. The various Radio Broadcasting Training Curricula in addition to providing this practical operating experience require a selection of courses from many of the departments of instruction of the University. The student is taught an awareness of the social obligations placed on any medium whose purposes include public entertainment, information, education, and cultural advancement. He is given the broadest possible background, to the end that the social implications of radio as a medium for influencing the public may be recognized and acted upon. These are important aspects of the program and should be the beginning of the building of a breadth of viewpoint on the part of the student which he will continue to cultivate by reading and study after he has completed the training program.

The University of Florida Press. The purpose of the University Press is to encourage, seek out, and publish original and scholarly manuscripts which will aid in developing the University as a recognized center of scholarship and research.

The Press edits and publishes scholarly books and monographs under its own imprint, and also special addresses, pamphlets, reports, and bulletins for special purposes, without the imprint. It has no responsibility for, or connection with, the editing and publishing of official university publications such as the University Record Series, the publications of the Agricultural Experiment Station, the Agricultural Extension Service, and the Engineering and Industrial Experiment Station.

The Board of Managers of the Press have the responsibility of formulating the policies and directing the functioning of the Press. They have sole responsibility for accepting and rejecting manuscripts offered for publication.

ORGANIZED RESEARCH

The Agricultural Experiment Station, a department of the University and the State's only agricultural research institution, is charged with conducting researches and experiments leading to the improvement of all phases of Florida's widely varied livestock and crop production. The Station system, with some 7,500 acres of lands in 14 areas, comprises the Main Station on the University campus, 7 branch stations and 6 field laboratories, the whole operating as an integral unit. Field stations are located with full regard to the needs involved and each has its defined responsibilities and fields of operation. Much of the work is cooperative with the United States Department of Agriculture and other Federal Departments and State agencies.

Research at the Main Station is conducted within nine departments—agricultural economics, agronomy, agricultural engineering, animal industry (including animal husbandry, animal nutrition, veterinary science, parasitology and dairy products manufacture), entomology, home economics, horticulture (including vegetable and tree crops and vegetable packaging and processing), plant pathology (including the herbarium), and soils. There is maintained, in addition to the research departments, an editorial division and the Station library which is accessible for use by students.

The field stations and their scope of investigations are as follows:

Citrus Station, Lake Alfred. All phases of citrus production and fruit handling, packing and processing.

North Florida Station, Quincy. Tobacco, general farm crops and livestock.

Everglades Station, Belle Glade. Specialized agriculture and livestock on the peat and muck soils of the Everglades.

Subtropical Station, Homestead. Subtropical fruits and winter vegetable production on the rock and marl soils of the lower east coast.

Range Cattle Station, Ona. All phases of beef cattle improvement and management and pasture development for the range areas.

Central Florida Station, Sanford. Vegetable production, including insect and disease control.

West Florida Station, Milton. Livestock and general farm crops of the extreme west Florida area.

Pecan Laboratory, Monticello. Pecan insects and diseases.

Potato Laboratory, Hastings. Culture and diseases of potatoes and vegetables.

Watermelon Laboratory, Leesburg. Culture and diseases of watermelons and grapes.

Strawberry Laboratory, Plant City. Strawberry diseases and culture.

Vegetable Crops Laboratory, Bradenton. All phases of vegetable production in the southwestern area, and gladiolus diseases.

Frost Warning Service, Lakeland. Cooperative with U. S. Weather Bureau. Minimum winter temperature forecasting.

Results of the experimental work of the several stations are published in scientific journals, bulletins and reports. The latter are available to Florida citizens without charge.

The Florida Engineering and Industrial Experiment Station is not only the research division of the College of Engineering but it is also the development laboratory for the industries of the state. It was officially established in 1941 by the Legislature as an integral part of the College of Engineering "to organize and promote the prosecution of research projects of engineering and related sciences, with special reference to such of these problems as are important to the industries of Florida."

The facilities of the station include all the equipment of the College of Engineering, now valued at about $3,000,000. The station also has available for its use the laboratories, staff and facilities of other divisions of the University, including chemistry, physics, biology, agriculture, economics, and many others. Because of the close relation that exists between the study and research activities, students secure much practical information about engineering and industrial problems which would normally not be encompassed in a collegiate program.

The station receives only a small portion of its operating revenue from the state. The remainder is secured from grants received from research foundations and funds provided by contracts with the federal agencies and industrial organizations. Large and small manufacturers avail themselves of one of the finest research laboratories in the Southeast. Among the outstanding laboratories, in addition to a well equipped shop, are those in Public Health Engineering, Electronics, Chemical Engineering, Air Conditioning, Soil Mechanics, Electrical Machinery, Paper, Pulp, and Wood products Utilization, Farm Mechanization and Corrosion.

Conferences for industrial workers are held at various intervals. These give an opportunity for intellectual exchange between the University and industry.

The Bureau of Architectural and Community Research is one of the activities of the College of Architecture and Allied Arts.

The Bureau of Economic and Business Research is a division of the College of Business Administration.

The Bureau of Professional Relations is a research and service unit of the College of Pharmacy.

The Naval Stores Research Laboratory conducts basic research with the purpose of contributing new products and new and more efficient industrial processes in the field of naval stores. It is a part of the Department of Chemistry.

The Public Administration Clearing Service is a branch of the Political Science Department in the College of Arts and Sciences. It provides consulting services to state, county and local governments in Florida; and publishes surveys of governmental and administrative problems. Where governmental problems are broader than administration it acts in cooperation with other branches of the University. Under the General Extension Division it cooperates in training programs and short courses for public officials and employees, such as the Short Course for City Managers.

Cancer Research Laboratory. With the cooperation and assistance of the Damon Runyon Cancer Fund, the United States Public Health Service and the State Health Department, the University is carrying on several research projects in the cause, diagnosis and treatment of cancer.

SUMMER SESSION

During the summer months the University operates a nine weeks Summer Session. The Summer Session provides a means for acceleration of program for the students of the Regular Session with a selected list of offerings from each of the Colleges and Schools.

The Summer Session offerings of the College of Education are expanded to include courses of particular interest to teachers in the elementary and secondary fields, and the offerings of many other departments are selected to provide both graduate and undergraduate courses especially helpful to teachers in both the elementary and secondary fields. Detailed information is given in the *Bulletin of the Summer Session* which is usually published in April.

ADMISSIONS

GENERAL STATEMENT

The Board of University Examiners is the agency responsible for administering all admissions to the University and its various components.

Students who are planning to enter the University of Florida for the first time will be considered for admission as follows:

1. If the student is entering the University from high school and has not attended college, he will be considered for admission to the University College.
2. If the student is transferring to the University from another college or university and is presenting less than 64 semester hours of acceptable college credit for advanced standing, he will be considered for admission to the University College.
3. If the student is transferring to the University from another college or university and is presenting 64 semester hours or more of acceptable college credit as advanced standing toward a baccalaureate degree, he will be considered for admission to the Upper Division school or college of his choice provided his record indicates the completion of college work in the Social Sciences, the Physical Sciences, English, the Humanities, and the Biological Sciences.
4. If the student wishes to pursue graduate studies and has been graduated from a standard college or university, he will be considered for admission to the Graduate School.

ADMISSION 1951-52

All persons considering attending the 1951-52 session are urged to read the following carefully.

Date of Application

No applicant will be considered for admission to the 1951-52 session unless the preliminary application has been received at the Office of the Registrar on or before Saturday, August 18, for the first semester, Saturday, December 29, for the second semester. Other application forms (if required), which will be sent upon the receipt of the preliminary application, must be in the Office of the Registrar on or before September 1, for the first semester, January 15, for the second semester. It will be absolutely impossible to consider applications received after these dates. All persons planning to attend the Fall Session, whether or not they have previously attended the University, must file the preliminary application form to be considered.

REQUIREMENTS FOR ADMISSION TO THE UNIVERSITY COLLEGE

A. For students who have never attended college:

1. *Graduation from high school.* Records show that the student who does not graduate from high school in the top half of his class rarely succeeds in college work. The University urges the prospective student to consider this fact carefully before making application. Non-Florida students will not be considered for admission if they do not meet this criterion.
2. *Satisfactory achievement in high school.* The University does not specify any high school units as required, but the general pattern of the units presented and the student's achievement will receive careful consideration. The records reveal that

those students who scatter most in their choice of subjects are those who accomplish least in any of them. Therefore applicants who present a record which shows no unity or a lack of essential subjects cannot be considered.

3. *Satisfactory scores on placement tests.* All applicants must take the placement tests before being admitted to the University College. These are achievement tests in the fields of English, mathematics, social studies, and natural sciences. Attainments in these fields are possible without specific high school courses and are not guaranteed by the acquiring of certain high school units. If the scores on the placement tests indicate inadequate foundation for college work, the applicant may be denied admission.

B. For transfer students:*

1. *Honorable Dismissal.* The student must be eligible to return to the institution last attended. Students who for any reason will not be allowed to return to the institution last attended cannot be considered for admission.
2. *Satisfactory record.* All transfer students must have made an average of C or higher on all work attempted at all institutions previously attended to be considered for admission.
3. The University of Florida accepts on transfer only those courses completed at other institutions with grades of C or higher.

REQUIREMENTS FOR ADMISSION TO THE UPPER DIVISION

A. From the University College:

See elsewhere in this bulletin the various programs of the University College and the specific requirements listed under the curricula of the several colleges and schools.

B. By advanced standing from other institutions:

1. *Honorable dismissal from the institutions previously attended.* An applicant for admission who for any reason is not eligible to return to the institution last attended cannot be considered for admission to the University.
2. *An average of C or better.* The average grade for all work attempted at other institutions must be C or better. An average grade of C or better is required for graduation from the University of Florida, and one who has not maintained this average before coming to the University need not apply.
3. A minimum of 64 semester hours accepted as transfer credit (only those courses completed at other institutions with grades of C or higher) not more than four of which are in Military Science or Physical Education.
4. *Specific course requirements for the professional school of the applicant's choice.* The courses listed as required for admission to the Upper Division under the various curricula or acceptable substitutes must be offered as advanced standing to qualify the student for admission to the Upper Division. An applicant lacking some of these requirements may be permitted to enroll in the Upper Division and complete them without reducing the credits required in the Upper Division for a degree. In some cases the student may be required to enroll in the University College until these requirements are met.

---

*The student who has matriculated at any college or university, regardless of the amount of time spent in attendance or credit earned, is regarded as a transfer student.

ADMISSION REQUIREMENTS FOR SPECIAL STUDENTS

Special students may be admitted to the various schools and colleges of the Upper Division only by approval of the Board of University Examiners. Each case will be considered on an individual basis. Application for admission as a special student must include: (1) records of previous educational experience (high school or college transcripts); (2) a statement as to the type of studies to be pursued; (3) a brief statement of the reason or reasons for selecting a special program other than a regular one; (4) satisfactory evidence of ability to pursue these studies—for example, a student to enroll as a special student for some technical courses and who feels qualified to do so by reason of employment or other experience should submit a brief description of this experience.

ADMISSION TO THE COLLEGE OF LAW

Applicants for admission to the College of Law must have received a degree in arts or science in a college or university of approved standing, or must be eligible for a degree in a combined course in the University of Florida, upon the completion of one year of work in the College of Law. The University also offers this combined course with the Florida State University. The combined course will be discontinued in 1952. The last class that can qualify for admission to law thru one of the combined curricula will be that class which enters the College of Law in February, 1952.

Under existing legislation veterans may continue to enter on two years of academic college work meeting the standards of the Association of American Law Schools.

The applicant who has not received a degree must have made an average of C or higher in all work taken in the college or university where he has prepared for entrance to the College of Law. For information on admissions to the College of Law with advanced standing see the section of the catalog headed College of Law.

ADMISSION TO THE GRADUATE SCHOOL

All applications must be made to the Admissions Section of the Registrar's Office in accordance with the dates set forth in the University calendar. Please note that all communications concerning credentials needed and acceptance or rejection must be handled by the Director of Admissions.

A complete transcript of all undergraduate and graduate work of the applicant must be transmitted by the registrar of the institution where the work was completed to the Director of Admissions before the date of registration.

Applicants who are not graduates of accredited institutions cannot be admitted to the Graduate School but may, if they meet the admission requirements of the college concerned, be admitted to an undergraduate unit for the purpose of demonstrating capacity for graduate study. Each such case is handled individually but in general a year's work (approximately thirty semester hours) of further undergraduate study will be required.

Limitations of space and staff restricts enrollment of graduate students.

ADMISSION INFORMATION FOR VETERANS

In addition to the regular academic requirements as set forth in the foregoing pages, the entering veteran will be interested in the procedures necessary to qualify for the various types of educational benefits available to veterans of World War II.

THOSE ENTERING UNDER THE G. I. BILL (PUBLIC LAW 346)

Under the provisions of this act the United States Veterans Administration assumes responsibility for fees and costs of instructional materials actually needed by any veteran who holds an honorable discharge and who had ninety days or more of active duty and was in training under the Bill on July 25, 1951.

Application should be made to the Veterans Administration well in advance. Special forms for this purpose are available at the various offices of the Veterans Administration. If there is no office in your city, the forms can be obtained by addressing the Veterans Administration, Pass-a-Grille Beach, Florida. With this form must be submitted appropriate documents as required by the Veterans Administration. These include certified copies of honorable discharges or certificates of separation, which would show your entire service history. If claim is to be made for dependents, additional evidence must be submitted. It is advisable that you consult with some representative of the Veterans Administration for assistance in preparing such documents.

If the application is approved, the veteran will receive from the Veterans Administration a form called a Certificate of Eligibility. The veteran should keep this in his possession until he actually reports for registration at the University. If the Certificate of Eligibility has not been received by the applicant by the time he is to report for registration, he will be charged for fees and books until the Certificate of Eligibility has been cleared with the Veterans' Record Section of the Office of the Registrar. The veteran will be refunded monies expended for fees and required supplies obtained from the University Bookstore upon presentation of receipts to the Auditor of Veterans' Accounts after his Certificate of Eligibility has been cleared. The veteran's subsistence payments (which are made directly to him) cannot begin until the Certificate of Eligibility properly endorsed by the veteran has been filed with the Office of the Registrar, in turn endorsed by him, and forwarded to the Veterans Administration.

THOSE ENTERING UNDER VOCATIONAL REHABILITATION ACT (PUBLIC LAW 16)

Government benefits are awarded to certain veterans who have service-connected disabilities. Application must be made to the Veterans Administration and should be made well in advance of the time the student expects to enter. If the veteran's application for benefits under this act has not been approved by the time he is to report for registration, he may register, paying his own fees. A proportionate refund of fees can be made if the veterans training under Public Law 16 is certified within the time limits set by the Veterans Administration. The Veterans Administration will not make authorization for training under Public Law 16 retroactive.

COLLEGE CREDIT FOR SERVICE TRAINING

Veterans will be allowed credit for training and experiences obtained in the armed forces during the war in accordance with the recommendations of the American Council on Education as set forth in "A Guide to the Evaluation of Educational Experiences in the Armed Services." All veterans entering or reentering the University should consult the Director of Admissions in the Office of the Registrar. In many cases it will be helpful to the student and his dean in planning a program if this can be done in advance of registration.

INFORMATIONAL AND ADVISORS' SERVICES

All agencies of the University are serving student veterans and can be of assistance in many ways. Probably the best results can be obtained if the following are consulted for the types of information or services indicated:

A. Information pertaining to Veterans Administration procedure and regulations: Officer in Charge, Veterans Administration Contact Office, Tenth Floor Seagle Building, Gainesville.

B. Vocational Guidance: Veterans Guidance Center, Seagle Building, Gainesville, or The Bureau of Vocational Guidance, Building E, University of Florida, Gainesville.

C. College credit for service training: The Director of Admissions, University of Florida.

D. General information and advice: Office of the Counselor for Veterans, University of Florida.

ADMISSION INFORMATION FOR INDIVIDUALS WHO ARE NOT CITIZENS OF THE UNITED STATES

The student from another country must:

1. Comply with the regulations of that country or nation and adhere to the regulations of the Department of Justice of the United States.
2. Meet the admissions requirement of the University of Florida.

SPECIAL ADMISSION REQUIREMENTS FOR ALIENS

English Language Proficiency

The student must present satisfactory evidence of proficiency in the use of spoken and written English, adequate to assure success in the program of studies to be pursued.

Financial Arrangements

The student must present satisfactory evidence that adequate finances are assured in an amount sufficient for the student to pursue his program of studies.

When to Apply

The times set forth in this catalog for making application for admission are the dates after which the application will not be considered. It is urged that the first application or letter of inquiry be made at least six months before the student plans to begin study at the University of Florida.

Make application to: Director of Admissions
Office of the Registrar
University of Florida
Gainesville, Florida, U.S.A.

Follow carefully the instructions submitted by the Director of Admissions.

EXPENSES

REGISTRATION FEES

Each student, depending upon his classification, pays one of the following registration fees each semester, if registration is completed in the regularly scheduled registration period (see University Calendar).

Florida Students enrolled in all colleges and schools	$ 50.00
Part-time Florida Students (Undergraduates carrying more than one course but less than 10 hours)	35.00
Part-time Students enrolled for only one course (the course not to carry more than 4 semester hours) or thesis only	20.00
Non-Florida Students enrolled in all colleges and schools	225.00
Non-Florida Part-time students (undergraduates carrying more than one course but less than 10 hours)	210.00

Fees for registration after the regular registration period are increased $5.00. There are no waivers of the increased fees for any reason.

DESCRIPTION OF REGISTRATION FEES

The registration fees listed in the above table include the following:

Contingent Fee. A fee of $21.50 per semester is charged each student.

Building Fee. A fee of $9.00 per semester is charged each student, the income being used for building construction and rehabilitation.

Infirmary Fee. Each student is charged an Infirmary fee of $7.50 per semester, which secures for the student the services of the Infirmary staff. Additional charges are made for board at the rate of $1.75 per day. Consultation, special duty nursing, special medicines, special treatments, special laboratory work, and X-ray interpretation by a qualified Radiologist are all services not covered by this fee and an additional charge is made for them. No major surgery is performed at the Infirmary except in an extreme emergency, and therefore all expenses incurred for major surgery or any other *referred* service are the responsibility of the student and his parents.

Student Activity Fee. A fee of $12.00 per semester is assessed to maintain and foster athletic sports, student publications, and other student activities. Student fees are assessed by a vote of the student body and approved by the Board of Control before they are adopted.

COURSE FEES

The only course fees charged are those for music. Fees for applied music lessons, instrument rental and practice room rental are payable at the time of registration.

No deduction will be made for lessons missed by the student. In case of serious illness, make-up lessons will be arranged in the Division of Music office. Lessons missed because of University holidays or during examination week will not be re-scheduled.

APPLIED MUSIC LESSON FEES

One lesson per week, one-half hour	$30.00	per semester
Two lessons per week, one-half hour each	60.00	per semester

PRACTICE ROOM RENTAL FEES

One hour per day for the semester	$ 5.00
Two hours per day for the semester	10.00
Three hours per day for the semester	15.00

INSTRUMENT RENTAL FEES

Brass, woodwind and string instruments owned by the University may be rented by students at the rate of $5.00 per semester.

SPECIAL FEES

Fees which apply in special cases only are listed below:

Breakage Fee.—Any student registering for a course requiring locker and laboratory apparatus in one or more of the following departments is required to buy a breakage book: Chemistry, Pharmacy, Biology, and Soils. This book costs $5.00. A refund will be allowed on any unused portion at the end of the year, when the student has checked in his apparatus to the satisfaction of the departments concerned. Veteran students do not buy these books. They are charged by the Laboratory concerned for breakages incurred and for consumable materials.

Comprehensive Examination in Education.—All graduate students in Education are required to take a special comprehensive examination (*National Teachers Examination* or equivalent). A fee is charged each student and is payable with other fees at the time of registration. For the current year the fee is $6.00 for full-time students and $10.00 for part-time students.

Application Fee for Comprehensive Examination.—A non-refundable fee of $1, payable on the day of application, is charged for each application for a comprehensive examination in one of the basic courses of the University College Program. Applications are necessary only in case the student is not currently registered in the course concerned.

Graduation Fee. Each candidate for a Bachelor's degree must make application for the degree in accordance with the date set forth in the University Calendar and pay at the time of application the graduation fee of $10.00. This will cover the cost of the candidate's diploma and rental of cap and gown. If the candidate applies for two Bachelor's degrees at the same commencement, the fee will be $15.00. In the event that the applicant does not fill the requirement for graduation at the time specified in the original application for degree, he shall be charged a fee of $5.00 for each subsequent application for the same degree.

Each candidate for a graduate degree (Master's or Doctor's) must make application for the degree in accordance with the date set forth in the University Calendar and pay at the time of application a fee of $20.00. This will cover the cost of the candidate's diploma, rental of a cap and gown, thesis binding fee, and cost of printing cover and title page of thesis. The candidate will also be given the hood representative of his degree. In the event that the applicant does not fill the requirement for graduation at the time specified in the original application for degree, he shall be charged a fee of $5.00 for each subsequent application for the same degree.

Transcript Fee. A student is furnished a first copy of his record free (regardless of the amount of work completed). Subsequent copies are charged for at the rate of

$1.00 each, unless more than one copy is ordered at the same time, in which case there is a charge of $1.00 for the first copy and 25 cents for each additional copy on the same order. University transcripts may be obtained only from the Registrar's Office.

Library Fines.—A fine of 5 cents a day is charged for each book in general circulation which is not returned within the limit of two weeks. "Reserve" books may be checked out overnight, and if they are not returned on time the fine is 15 cents for the first hour and 5 cents an hour or fraction of an hour thereafter until they are returned.

Late X-Ray Fee.—A fee of $2.00 will be charged all students who report late for their chest X-ray.

DEPOSITS

Room Reservation. Students wishing to apply for rooms in University Housing Facilities must forward to the Director of Housing a Room Reservation Deposit of $10.00 at the time such application is made.

R.O.T.C. Deposit. All students enrolled in Military Science and Tactics are issued regulation uniforms and other military equipment necessary. To provide against loss and insure prompt return each student enrolled in any R.O.T.C. course is required to make a deposit of $20.00 at the time of registration. This will be refunded upon return of all Government property in satisfactory condition.

PAYMENT OF FEES AND DEPOSITS

Fees are payable as a part of the registration procedure (except for the non-Florida fees for the first semester of attendance which must be sent to the Office of the Registrar with admission credentials).

The Room Reservation Deposit must accompany the application for room reservation that is sent to the Director of Housing.

The Special Fees are payable by the date set in the University Calendar or at the time the student expects to receive the service for which the fee is assessed.

R.O.T.C. Deposit is payable at the time of registration.

Failure to pay registration fees when due makes the registration incomplete and will result in the charging of the increased registration fee as described above.

REFUND OF FEES

A student cancelling his registration on or before the date scheduled for first class meetings of a semester will be entitled to a full refund of registration and course fees.

A student whose registration is cancelled by official University action at the beginning of a semester will be entitled to a full refund of registration and course fees.

Students withdrawing from the University before the date specified in the University Calendar are entitled to a refund of all registration and course fees except $5.00 of the contingent fee. This $5.00 is the cost of service in registering the student and cannot be refunded.

TUITION

Non-Florida students, including those pursuing graduate work, pay tuition of $175.00 per semester in addition to the fees charged Florida students.

Classification of Students.—For the purpose of assessing tuition, students are classified as Florida and non-Florida students.

A Florida student, if under twenty-one years of age, is one: (1) whose parents have been residents of Florida for at least twelve consecutive months next preceding his registration; or (2) whose parents were residents of Florida at the time of their death, and who has not acquired residence in another state; or (3) whose parents were not residents of Florida at the time of their death but whose successor natural guardian has been a resident of Florida for at least twelve consecutive months next preceding the student's registration.

A Florida student, if over twenty-one years of age, is one: (1) whose parents are residents of Florida (or were at the time of their death) and who has not acquired residence in another state; or (2) who, while an adult, has been a resident of Florida for at least twelve consecutive months next preceding his registration, provided such residence has not been acquired while attending any school or college in Florida; or (3) who is the wife of a man who has been a resident of Florida for at least twelve consecutive months next preceding her registration; or (4) who is an alien who has taken out his first citizenship papers and who has been a resident of Florida for at least twelve consecutive months next preceding his registration.

All students not able to qualify as Florida students are classified as non-Florida students.

The status of the classification of a student is determined at the time of his first registration in the University, and may not thereafter be changed by him unless, in the case of a minor, his parents move to and become legal residents of this State, by maintaining such residence for twelve consecutive months. If the status of a student changes from a non-Florida student to a Florida student, his classification may be changed at the next registration thereafter.

A fee of $10 will be charged all students registering incorrectly. In the case of non-Florida students, this fee will be assessed in addition to the tuition. In the case of Florida students who give an out of state address at the time of registration or any other time, this fee will be charged unless the student files a written explanation acceptable to the Registrar stating why the out of state address was given and giving proof that his residence is Florida.

OTHER EXPENSES

Room Rent.—Rent for rooms in the Residence Halls varies from $30.00 to $110.00 per student per semester. Remittances for room rent should be made in accordance with the directions issued by the Director of Housing. If the student does not reside in one of the units of the Residence Hall System the arrangements concerning rates and method of payment are the responsibility of the individuals concerned.

Meals.—Cost of meals in the University Cafeteria varies with the individual. Books of coupons having cash value may be purchased from the Office of the Business Manager or meals may be paid for in cash.

The Florida Room, located in the Yonge Building, serves meals five days each week, and offers to University students high quality food at reasonable prices.

The University Soda Fountain, located in the Student Service Center, offers strictly fountain service, all kinds of sandwiches, candies, tobaccos, etc.

Books and Supplies.—Cost of these items varies with the program of the student. It is estimated that from $40.00 to $90.00 per year will cover this expense for most students.

SUMMARY OF EXPENSES FOR THE SCHOOL YEAR

	Typical
Registration fees and course expenses	$100.00*
Books and Training Supplies	75.00
Laundry and cleaning	55.00
Room and board	600.00
Incidental expenses	200.00

*Non-Florida students are charged $350 tuition per year in addition. Students enrolled in R.O.T.C. (required of Freshmen and Sophomores) must deposit $20.00 at time of registration. This is refundable at end of year if all equipment is returned in acceptable condition.

STUDENT BANK

Banking facilities are available to students on the campus through the Cashier's Department of the Office of the Business Manager. The purpose of this service is to provide a safe repository for cash balances which the student may withdraw as needed. A flat fee of 50c per semester or term is charged regardless of the number of deposits or withdrawals. $750 is the maximum balance that may be carried. Any part or all of it may be withdrawn at one time. Deposits may be made through the mail by check or money order.

HOUSING

GENERAL INFORMATION

Each student will make personal and direct arrangements for his housing by: (1) applying to the Office of the Director of Housing for assignment to University Housing Facilities, or (2) in the case of upperclassmen, making his own arrangements direct with the property-owner for off-campus accommodations in private housing, should he desire to do so.

Rates quoted on all housing facilities are subject to change. All facilities are equipped with basic furniture requirements such as beds, mattresses, dressers, desks, and chairs. Residents may supply their own drapes, pictures, bedspreads, rugs, lamps, and linens.

Linens (sheets, towels, and pillow cases) are available for rent on a weekly exchange basis; pillows, blankets, and limited amounts of extra equipment are available for rent on a term or semester basis. Linen rates per week are: sheets, 15c each; towels, 7c each; pillow cases, 6c each. Blankets, pillows, and lamps are 80c per semester, 40c per six-week term, 60c per nine-week term.

Heavy luggage may be sent ahead, prepaid, addressed in the student's name and assigned room number. Such shipments will be held in the area trunk rooms until called for by the student. The University assumes no responsibilty beyond the exercise of reasonable care for any shipment so received.

Carefully selected and trained personnel are in charge of each area, building, or section. Students with personal problems or questions concerning procedure or policy are aided by the Head Resident, Resident Adviser, or Student Counselor in charge of the area, building, or section.

APPLICATIONS, ROOM DEPOSITS, AND ASSIGNMENTS

All communications or inquiries concerning housing, applications, deposits, and rent payments in University Housing Facilities should be sent to the Director of Housing, University of Florida, Gainesville. An application for space in housing facilities may be filed at any time. Checks or money orders should be made payable to the University of Florida. Cash should NOT be sent through the mail.

A room or security deposit payment of fourteen dollars must accompany applications for assignment to housing facilities. The room or security deposit will not be accepted unless an application accompanies it.

Each applicant will be given advance notice of exact assignment and deadline date for payment of rent, if possible.

Roommate requests are honored wherever possible, provided the individuals concerned submit their applications and pay room deposits on the same date, clearly indicate on their respective applications their desire to room together, and are within similar academic classifications.

All freshman single students, with the exception of those whose residence is Gainesville or vicinity, are required to live in University Housing Facilities as long as space is available. If space on-campus becomes available for the second semester of the regular school year, freshman students living off-campus may be required to move on-campus.

In the case of women students, all freshmen and undergraduate single women students are required to live in University residence halls as long as space is available. If space on-campus becomes available for the second semester of the regular school year, students living off-campus may be required to move on-campus. Exceptions: Women students who are residents of Gainesville, who live within commuting distance, or, except for freshman women, undergraduates, who may live in sorority houses with University approval.

LIVING FACILITIES FOR SINGLE MEN STUDENTS

FIVE PERMANENT RESIDENCE HALLS FOR UPPERCLASSMEN (Buckman, Thomas, Sledd, Fletcher, and Murphree) of modern brick, concrete, and steel construction. Rooms have been increased in capacity, through use of double-decker beds and extra equipment, to accommodate three or four men in the suites, three men in the doubles, and two men in the singles. Each hall is divided into sections accommodating from 30 to 60 men per section. All but a few rooms have lavatories, and there is a community bath with shower and toilet facilities on each floor in each section. Several lounges are available for study and entertainment. Regular Session rates range from $35 to $88 per person per semester.

FOUR RESIDENCE HALLS FOR FRESHMEN (Tolbert, North, South and Weaver) of modern brick, concrete, and steel construction. A main lounge and a recreation room are located in each hall. A study lounge is located on each of the upper floors. U. S. Post Office boxes, one for each room, are in the lobby of each hall. These halls contain single and double rooms only. The number of single rooms is limited. A lavatory room and two community baths with toilets, lavatories, and showers are located on each floor of each hall. Coin operated washing machines and dryers are available for student use. Rates: $60.00 per student per semester in a small double room (double-decker bed); $80.00 per student per semester in the larger double rooms; $100.00 per student per semester in a single room. These rates are subject to change.

TEMPORARY DORMITORIES, for both freshmen and upperclassmen, located on campus, are of one-story construction, and contain from 18 to 29 rooms each. Each building has a community bath, with shower, toilet, and lavatory facilities. Each room is set up to accommodate two or three students during the Regular Session. In addition to the basic furnishings, each room has a lavatory. Individual room space is limited. Regular Session rates range from $35.00 to $55.00 per student per semester, according to the number assigned to each room.

FACILITIES FOR SINGLE WOMEN STUDENTS

THREE RESIDENCE HALLS (Mallory, Yulee, and Reid Halls), for freshmen and some first semester sophomores, of modern brick, concrete and steel construction. Accommodations consist of single and double rooms. Community baths with toilets, lavatories, and showers are located on each floor of each hall. Each building contains a large lounge on the main floor, a small lounge on each upper floor, and a recreation room on the ground floor. There are laundry rooms, sewing rooms, and hair-dressing rooms with coin-operated machines in the group of buildings. Coin-operated irons and ironing boards are located on each floor of each building as well as in the laundry rooms. Rates: $60.00 per student per semester in a small double room (double-decker bed): $80.00 per student per semester in the large double rooms; $100.00 per student per semester in a single room. These rates are subject to change.

A TEMPORARY BUILDING (Grove Hall), for undergraduate women students exclusive of freshmen, of two-story, frame construction, containing 146 student rooms. Each floor has two community baths, with shower, toilet, and lavatory facilities. A lounge and an office are located on the first floor; there is an ironing room with coin-operated irons on each floor. This building is located in the women's housing area and contains primarily single rooms. The facilities of this hall are considered adequate, though limited. Rates: $76.50 per student per semester in a single room; $55.00 per student per semester in a double room. These rates are subject to change.

FACILITIES FOR MARRIED COUPLES

Three Apartment Villages (Flavets), located on-campus, have been provided through the Public Housing Authority. Assignments are currently restricted to married veteran students only, with Flavet Village I and II further restricted to couples with children only. Flavet I contains 26 buildings of one-story, temporary construction, divided into 100 apartment units of one, two, or three bedrooms. Flavet II, similar to Flavet I in construction, contains 20 buildings divided into 76 apartment units of one, two, or three bedrooms. Flavet III contains 54 buildings, of two-story, temporary construction, divided into 448 apartment units of one or two bedrooms. All apartments are equipped with basic furniture requirements, but residents must furnish their own linens, rugs, kitchenware, etc. Cooking and heating are by gas, metered to the individual apartments. Electricity consumption in excess of the basic minimum is paid on a monthly basis on meter readings. Rent rates per month (including basic electricity) are one-bedroom apartment, $26.75; two-bedroom apartment, $29.50; three-bedroom apartment, $32.25.

PRIVATE ROOMING HOUSES

Facilities and Rates—Many rooming accommodations are available in private homes or privately operated rooming houses in the Gainesville area. In general, rates for rooms are somewhat higher than those in University facilities.

Lists—Lists of rooms for single men and single women, and lists of rooms or apartments for married couples are maintained at the Housing Office. In view of frequent changes in availability, no lists are available for mailing. Definite arrangements must be made directly with the property-owner by the student.

COOPERATIVE LIVING ORGANIZATION

The Cooperative Living Organization, organized and operated by students to furnish economical living accommodations for its membership, is located at 117 NW 15th St. The qualifications for membership are financial need, scholastic ability, and references of good character. In order to secure membership in the CLO, students should apply to the CLO President at the above address.

GEORGIA SEAGLE COOPERATIVE

Georgia Seagle Cooperative, organized in September, 1946, is unique in that its main tenet is Christian fellowship in all phases of college life. It is organized on a non-profit basis, with each member being assessed his pro-rata share of actual operating cost, and is only successful through the active participation of all members in its program. Georgia Seagle Cooperative is non-sectarian and has most of the major religious denominations represented in its membership. The administrative powers of the organization are vested in its representative group, the Co-op Board.

Applications for membership in this organization may be obtained at the Georgia Seagle Hall, 1002 West University Avenue.

STUDENT LIFE—SERVICES, FACILITIES, ACTIVITIES, REGULATIONS

OFFICE OF THE DEAN OF STUDENT PERSONNEL

The Dean of Student Personnel coordinates the counseling and service activities which are available to aid the student in solving personal and educational problems and to help him in selecting a balanced program of social and recreational activities.

OFFICE OF THE DEAN OF MEN

The Dean of Men is the counselor to men students. He is interested in the total life of the student, including his academic, financial, social, and recreation activities. In cooperation with the Dean of Women, his office serves as a clearing house for all non-classroom activities. The Dean of Men serves as an adviser to student self-government so that these activities may provide training in citizenship and leadership. He cooperates with the Director of Housing in providing counseling for men who live in University living facilities.

OFFICE OF THE DEAN OF WOMEN

The Dean of Women has broad responsibilities for the welfare of women students. She serves as a counselor to students on a variety of problems and interests including personal, academic, financial and social.

In cooperation with the Dean of Men and the Adviser to Student Organizations she serves as an adviser to student government and other student organizations.

The Dean of Women in cooperation with the Director of Housing, acts in an administrative, supervisory, and counseling capacity with relation to the University residence halls and women's fraternity houses.

VETERANS GUIDANCE CENTER

The University Veterans' Guidance Center provides guidance and counseling in the matter of helping veterans with the problems they confront in the choosing of and preparation for their life work. The center may refer veterans to other agencies for help in the solution of special allied problems.

Through the use of data obtained from interviews, tests and other sources the center assists in planning a program most suitable to the individual. Tests of aptitude, interest and personality characteristics are used.

Interested veterans may make an appointment by contacting Veteran Administration Chief, Advisement and Guidance Center on the tenth floor of the Seagle Building, or the Director of the Veterans' Guidance Center, tenth floor of the Seagle Building.

OFFICE OF THE DIRECTOR OF HOUSING

University housing facilities are under the supervision of the Director of Housing. Major objectives of this office are to develop and maintain comfortable living accommodations and to promote policies and programs aimed toward improving scholastic achievement, personality development and the participation of the individual student in the responsibilities and opportunities of group living.

Residence halls for women are carefully supervised by qualified fulltime personnel. In addition, elected hall councils exercise positive responsibility in the day-to-day activities of the women students. In the residence halls for men there are full-time resident advisers and resident faculty counselors. Carefully selected student counselors, heading student groups of approximately 60 men each, assist individual and group activities. Resident student managers have operational charge of the veterans' apartments.

OFFICE OF STUDENT PERSONNEL RECORDS

Using various sources, the office of Student Personnel Records collects and integrates information concerning social and scholastic activities of each student. It makes this information available to qualified counselors who aid the student in making educational, social, psychological, and vocational adjustment. The keeping of personnel records is an effort in the understanding of, and service to, the individual student as he has contact not only with the classroom, but also with all phases of his university life.

OFFICE OF THE ADVISER TO STUDENT ORGANIZATIONS

The Adviser to Student Organizations, whose office is related to the Offices of the Dean of Men and the Dean of Women, is interested in the activities of all organized student groups on the campus. This includes the 150 or more student societies and clubs, the 23 national men's fraternities, and the 11 national women's fraternities. He is a counselor for personal and group problems related to all student organizations, and also provides the Interfraternity Council and the Student Organizations Advisory Council with leadership and guidance.

The Office of the Adviser to Student Organizations provides the machinery for the formation and recognition of new organizations on the campus and maintains a complete file about all campus organizations including such things as constitution, officers, faculty adviser, list of members, etc. It is also the center for the authorization of all social functions to be given by fraternities and other student organizations.

STUDENT EMPLOYMENT

Every effort is made to aid qualified students in obtaining part-time employment. Opportunities are limited; consequently the number of part-time jobs available does not approach the number of applicants seeking these jobs. Every attempt is made to place students in work that utilizes their training and experience.

Each student who is employed by the University must have an honor point average of "C" for the semester or term immediately preceding his employment. The average rate of pay per hour is between 50 and 75 cents: the average earnings per month are about $40.

Student employment is directed by the Committee on Student Aid, Scholarships and Awards, with the Assistant Dean of Men administering the program. All applications for work should be made prior to the opening of the semester in which employment is desired. Applications for work, however, may be filed at any time.

Inquiries should be addressed to: Assistant Dean of Men, University of Florida, Gainesville, Florida.

FLORIDA CENTER OF CLINICAL SERVICES

The clinics which operate as a coordinated service under this division are available to all University students. The Coordinator of this Center is located in Room 339, Administration Building, telephone extension 526. This organization of clinics is intended to provide the student with comprehensive clinical service. Students are urged to avail themselves of these services before their problems or difficulties become aggrevated and greater than may be necessary.

The services of the clinics are available to the residents of the State of Florida for diagnostic purposes and therapy in so far as personnel and facilities will permit. Residents of the State should make appointments through the office of the Coordinator. University students should contact the Coordinator of the Center or the head of the clinic in which he desires assistance.

BUREAU OF VOCATIONAL GUIDANCE AND MENTAL HYGIENE

The Head of the Bureau of Vocational Guidance and Mental Hygiene is in Room 312, Administration Building, telephone extension 345. This bureau has offices and testing rooms in the north wing of the third floor of the Administration Building.

Certain members of the staff of the Department of Psychology who have comprehensive training and experience in clinical work serve in the bureau. One of their functions is to aid the student on an individual basis to plan a vocational objective consistent with his capacity, interest, and temperament. Approved test and interview methods are used, and results are supplemented by a complete description of the occupations involved. A wealth of additional occupational information is available in the bureau reading room under direction of a staff member.

Other services of the bureau include help to students who find their work hampered by worries, adjustment difficulties, and other troublesome conditions.

SPEECH AND HEARING CLINIC

The Speech and Hearing Clinic is located on the third floor of the Administration Building. The office of the Director of this clinic is in Room 323, Administration Building, telephone extension 347. The clinic functions as a service to University students who have speech and hearing problems which are handicapping in nature and which render a student's communication less attractive and suitable to his personal potentialities. In addition to losses in hearing, such impairment includes: stuttering, cleft palate speech, articulatory problems, paralyses, voice abnormalities. Special instruction is provided to meet the needs of foreign speaking students.

In pursuance of its function the clinic conducts an examination of all incoming students during the week of orientation for the purpose of discovering those who need special instruction.

In addition to diagnostic and remedial speech service, the clinic offers complete hearing evaluation. This service gives attention to various methods for the conservation of hearing and includes the fitting of hearing aids.

READING LABORATORY AND CLINIC

The Reading Laboratory and Clinic is the center for training and research in reading and the allied language arts. The clinic is situated on the north side of the third floor of Anderson Hall. The office of the Head of this clinic is in room 310, Anderson Hall.

Through the use of interviews and diagnostic tests, the clinic plans a program of study and training in reading skills for each individual who demonstrates a need for assistance. This training is undertaken at the clinic under the supervision of trained personnel. The program is scheduled according to the needs of the student, the time available, and the amount of training necessary for permanent improvement of reading skills.

In addition to remedial functions, the clinic trains teachers and graduate students in the techniques of diagnosis and remediation. This training is carried on through the medium of laboratory courses and participation in the work of the clinic. The clinic also carries on a program of research in many aspects of the field of reading and aids students and faculty members engaged in allied research.

ADAPTED AND THERAPEUTIC PHYSICAL EDUCATION

The Adapted and Therapeutic section of the Department of Required Physical Education assists those students who have physical deviations which necessitate individual consideration in developing a sports program that is within the limits of their

physical capacity. In planning these programs, due consideration is given to the individual's interests and the social and recreational needs of adult life. This clinic is located in the Florida Gymnasium. The office of the Head of this division is Room 134, Florida Gymnasium, telephone extension 244.

Programs of functional therapeutic exercise are provided for those students having physical deviations that can be corrected or ameliorated by such work. In such cases the exercise takes precedence but is not a substitute for the requirements for developing the recreational program. The work is conducted under careful supervision and is based on adequate medical diagnosis and information.

Every effort is made to guide individuals to other campus and community agencies and clinics that may assist them in solving problems arising from their physical condition.

MEDICAL DIAGNOSIS AND TREATMENT

The staff of the Department of Student Health provides diagnostic and consultative services to the Center.

The reader should refer to the description of Student Health Service.

SCHOLARSHIPS

The University of Florida does not have large sums of money available for cash scholarships. Many of the scholarships available to students are awarded directly by the donors, and administered through the Business Office of the University and the Committee on Student Aid, Scholarships, and Awards. However, there are a number of scholarships awarded and administered by the Committee on Student Aid, Scholarships and Awards. This Committee collects all information relative to the basis of award, the value, and other pertinent facts pertaining to scholarships. The Committee also collects information on the applicants and supplies this information to donors. In some instances the Committee has been given the authority to make awards without consulting donors.

While scholarship as evidenced by academic attainment is an important feature in making awards, it is by no means the only consideration. The student's potential capacity to profit by college training and to make reasonable returns to society are important considerations in making all awards.

In addition to the opportunities for scholarship awards at the University, prospective students are urged to consult the resources in their home communities. Many civic clubs and community organizations are interested in providing means whereby students may attend college when they are convinced the investment will be worth while.

Unless otherwise specified, applications for scholarships listed below should be made to the Dean of Men, who is Chairman of the Committee on Student Aid, Scholarships and Awards at the University of Florida, Gainesville.

* * * *

Board of Control Scholarships.—This is a group of scholarships which are awarded through the Board of Control. Applications should be made to the Chairman of the Committee on Student Aid, Scholarships and Awards in the Dean of Men's Office.

Albert W. Gilchrist Memorial Scholarship.—This scholarship is open to students of the junior and senior classes. Scholastic achievement is the principal basis of this award.

Arthur Ellis Hamm Memorial Scholarship.—Established in 1919 by Mrs. Elizabeth C. Hamm in accordance with the last will and in memory of her husband, Captain Arthur Ellis Hamm, a former student of the University, who fell in battle at St. Mihiel, France, on September 14, 1918.

Loring Memorial Scholarship.—A scholarship maintained by Mrs. William Loring Spencer in memory of her distinguished uncle, General Loring.

The Charles E. Tufts Memorial Scholarship.—The Charles E. Tufts Estate has provided for a scholarship to be awarded to a student or students who are graduates of any high school in Hillsborough County who shall have demonstrated by their industry and attainments that they are in all respects worthy of such assistance. The amounts of these scholarships will vary from year to year inasmuch as they are derived from an investment.

The Cecil Willcox Memorial Scholarship.—This scholarship was provided for in the will of Cecil Willcox and is derived from the income of a sum of money which he left the University for this purpose. The scholarship is to be awarded to a young man either born in or a resident of the State of Florida, the applicant to be selected upon the following bases:

1. He must be qualified to enter the freshman class of said University without condition or without being deficient in any subject required therefor.
2. He must be in actual need of this help to enable him to attend the University of Florida.
3. He must be worthy to receive such help, and to be worthy must be a young man of good character and habits, and one who has a capacity for education and who has demonstrated by his previous work that he is studious and has the desire for an education.

David Levy Yulee Memorial Scholarship.—This scholarship is awarded annually on the basis of scholarship, and is open to members of the junior and senior classes.

Borden Company Foundation, Inc., Agricultural Scholarship. A scholarship amounting to $300 per year for a period of seven years has been made available by the Borden Company Foundation, Inc. This scholarship is available to the eligible senior student of Agriculture who has achieved the highest average grade in all college work preceding the senior year. To be eligible, students must have included in their curricula two or more dairy subjects. Application should be made to the Dean of the College of Agriculture, University of Florida, Gainesville.

Borden Scholarship Award in Pharmacy. The Borden Company Foundation, Inc., has made available a scholarship amounting to $300 per year for a period of five years. This scholarship is available to that eligible senior pharmacy student who has achieved the highest average grade in all college work preceding the senior year.

Clinton Foods, Inc. Scholarship Fund.—Mr. Charles W. Metcalf, President of Clinton Foods, Inc., has made available eight scholarships at the University of Florida for students in the College of Agriculture majoring in Horticulture. These scholarships are divided into four undergraduate and four graduate awards in the amount of $250 for the year each. Recipients of the awards will be selected by the Dean of the College of Agriculture in cooperation with the Committee on Student Aid, Scholarships and Awards.

The Colonial Dames of America Scholarships.—Occasional scholarships amounting to $250 per year, toward board and lodging, are awarded by The Colonial Dames of America. Applications for these scholarships should be made to Mrs. Byron Stookey, 421 East 61st Street, New York 21, New York.

Confederate Memorial Scholarship.—These scholarships were made available by the Board of Commissioners of State Institutions under authority of Section (1), Chapter 8505 (No. 110, Laws of Florida). The amount of the scholarships is $150 per year. Applicants must be lineal descendants of a confederate soldier or sailor. There are a limited number of these scholarships. Ordinarily only two per year are awarded.

County Agricultural Scholarships.—Provision has been made by a legislative act for a scholarship from each county—to be offered and provided for at the discretion of the Board of County Commissioners of each county. The recipient is to be selected by a competitive examination under rules and authority prescribed by the respective County Board of Commissioners. The value of each scholarship is a sum sufficient to pay for board in the dining hall and room in the dormitory. Whether such a scholarship has been provided for by any county may be learned from the Clerk of the Board of County Commissioners, or the County Agent of the county in question. If it is desired, questions for the examinations will be provided and papers graded by the University.

The Davis Brothers Scholarship.—Mr. A. D. Davis, President of Winn and Lovett Grocery Company, Jacksonville; Mr. Tine W. Davis, President of Economy Wholesale Grocery Company, Miami; Mr. Austin Davis, President of Steiden Stores, Louisville; and Mr. James E. Davis, Executive Vice-President of Winn and Lovett Grocery Company, Jacksonville, have made available a sum of $600 to be awarded to students in the Colleges of Law, Business Administration, Education, and Agriculture. Award is based on scholarship and economic need of the student and the committee's opinion of the student's potential promise.

Alfred I. duPont Scholarship Fund.—The purpose of this scholarship is to aid worthy and needy students. Funds for the scholarship came from stock donated to the University by Mrs. Alfred I. duPont. Applicants must have completed at least one semester of college work and must have a "C" average or better. "These scholarships are to be given—not loaned—but the recipients are requested after their graduations, when they have earning capacity, to pass a like amount, as they have received, on to some deserving boy or girl who needs assistance in acquiring an education." The amount of funds available for these scholarships varies from year to year; the amount of each scholarship depends on the total amount available.

Duval High Memorial Scholarship.—An act creating the Duval High School Memorial Scholarship and authorizing and appropriating annually $275 of the Duval County funds as financial assistance for one worthy high school graduate is covered by House Bill No. 823, and was approved May 20, 1927. This scholarship, created to memorialize and assist in preserving the high standards and traditions of the Duval High School, where many of Florida's worthy citizens were educated, was established by the Board of County Commissioners of Duval County, Florida. Application should be made to the Chairman of the Board of County Commissioners, Jacksonville, Florida.

Florida Association of Small Loan Companies Scholarship.—The Florida Association of Small Loan Companies has set up a scholarship fund of $150 per year, the termination of the award to be at the discretion of the donors. The scholarship is limited to residents of the State of Florida who are seniors in the College of Business Administration. Need and promise of good citizenship and leadership, along with scholarship, will be the basis of the award. Applications should be made to the Office of the Dean of Men.

Florida Bankers Association Scholarships.—The Florida Bankers Association awards three scholarships annually; one for North and West Florida, one for Central Florida, and one for South Florida. These scholarships are awarded on an examination given at the Annual Boy's Short Course. The examination is given and the award is made

by the State Boys' Club Agent. Applications for these scholarships should be made to the Dean of the College of Agriculture, University of Florida, Gainesville.

Florida Seedmen's Association Scholarship.—This scholarship which amounts to $200 is offered annually by the Florida Seedmen's Association to a junior or senior student in the College of Agriculture who has a definite interest in improved seed programs. Applications are to be filed with the Dean of the College of Agriculture by October 15, if possible.

Lovett-Steiden-Table Supply Fund (Lovetts and Table Supply Food Stores Welfare Association).—Lovetts and Table Supply Food Stores Welfare Association is a non-profit corporation organized under the laws of the State of Florida. One of its primary objectives is the furtherance of higher education through recognition, encouragement and assistance to meritorious and deserving boys and girls who are eligible for college training.

Subject to approval by the Executive Committee of this Association, Fully-Paid Scholarships (including adequate allowance for books, supplies, etc.) may be awarded meritorious high school graduates upon their recommendation by not less than three prominent citizens in the community in which the student makes his or her home. Not more than one such Scholarship shall be awarded in any one year to graduates of any one high school. Preferred consideration shall be given recommendations made by the Principal of the high school attended by student, together with the Superintendent of Schools for the county, district or community in which such school is located. Such Scholarships may be provided at any accredited institution of higher learning selected by the eligible student. The Executive Committee of Lovetts and Table Supply Food Stores Welfare Association will act upon recommendations submitted and its decision as to Scholarships to be awarded shall be final. Scholarships granted by the Executive Committee are subject to review by the Committee at the end of each semester or scholastic term and are subject to cancellation in the event the student fails to pass all required subjects or in the event the student's conduct does not justify continuance of the Scholarship awarded.

Malever Scholarship.—Mr. Fred Malever of Ocala, Florida, has made available the sum of $100 as an annual award to a senior boy from one of the Marion County High Schools to be used to partially defray his expenses for the first year at the University of Florida. The faculties of each of the several high schools may recommend to the County Superintendent one boy who, in their judgment, is most deserving of this award. These recommendations are to be submitted to the County Superintendent's office on or before the last school day in April and the announcement as to the recipient of the award will be made at the graduation exercises of that student.

The John G. and Fannie F. Ruge Memorial Scholarship and Loan Fund.—This scholarship and loan fund was made available through the will of the late John G. and Fannie F. Ruge of Panama City who stated in their will that "there is no greater privilege in this world than to give young men and women the means of intellectual growth." A limited amount of the fund has been set up for scholarships; the remainder is operated as a loan fund. No applicant will be considered who does not have a "C" average or better, based on all academic work taken. Applicants must have earned at least thirty hours of acceptable college credit. The maximum scholarship granted any one student is $250 per year, or a total of $500 while in school.

Franklin County Ruge Awards.—Under the will of John G. and Fannie F. Ruge a provision was made for two $300 per year scholarship awards. These are made annually to two students registered from Franklin County in the University whose schol-

arship meets the requirements of the University regulations. Applications for these scholarships should be made to the Dean of Men's Office.

Sears, Roebuck Scholarships.—The Sears, Roebuck Company has given funds to the University of Florida for the establishment of a number of scholarships in the amount of $100 annually to first-year students particularly interested in agricultural activities.

At the end of each year the Sears, Roebuck Company awards a scholarship in the amount of $200 to the outstanding freshman in the Sears, Roebuck Scholarship group, the money to be made available for his sophomore year.

The State Board of Education Scholarships.—These scholarships are made available by the State Board of Education for the purpose of encouraging students to prepare themselves for the teaching profession in the State of Florida. The scholarship awards are made by the State Board of Education in cooperation with the county superintendents of Public Instruction of the various counties. The examinations for these scholarships will be held twice each year, usually in April and August, and upon special call by the State Superintendent of Public Instruction. The values of the scholarships are $200 and $400 per year. The number of scholarships for each county available to University of Florida students is determined by the number of Representatives from that county in the State Legislature.

National Association of Thoroughbred Breeders Scholarship.—The National Association of Thoroughbred Breeders Scholarship is awarded to a first year student. The amount of the scholarship is $200.00 per year for the first year and $100.00 per year for the sophomore and junior years. The applicant must hold membership in Future Farmers of America, must be in need of financial assistance and placement test scores must indicate ability to do high grade college work. Application should be made to the Committee on Student Aid, Scholarships and Awards.

United Daughters of the Confederacy Scholarships.—Scholarships have been established by the Florida Division, United Daughters of the Confederacy. Applications should be made to Mrs. D. A. Avant, 203 West Park Avenue, Tallahassee, Florida.

Vocational Rehabilitation Scholarships.—The Rehabilitation Section of the State Department of Public Instruction provides limited assistance to persons who are physically handicapped. Requirements for eligibility for this assistance are as follows: The applicant must have a permanent major physical disability, he must be sixteen years old or over, he must have a good scholastic record, and must take courses that will prepare him for some vocation at which he can earn a living. Applications for this assistance should be made prior to July 1 for the following school year. Students who wish to apply should write to the State Supervisor of Vocational Rehabilitation, Department of Public Instruction, Tallahassee, Florida.

Children of Deceased World War Veterans Scholarships.—The scholarships are for the benefit of children whose parents participated in World War I or World War II. The Act providing for the scholarships is as follows: "It is hereby declared to be the policy of the State of Florida to provide educational opportunity at State expense for dependent children, either of whose parents entered the army, navy, marine or nurses corps of the United States from the State of Florida, and died in that service or from injuries sustained or disease contracted therein between the 6th day of April, 1917, and the 2nd day of July, 1921, or who have died since or may hereafter die from diseases or disability resulting from such war service; and also the dependent children either of whose parents served in any of the military or naval services of the United States from the State of Florida during the period from December 7, 1941, to the close

of World War II; where the parents of such children have been bona fide residents of the State of Florida for five years next preceding their application for the benefits hereof, and subject to the rules, restrictions, and limitations hereof." The maximum amount to be received by any one student within a period of twelve months cannot exceed $300. Applications should be made to the State Adjutant of the American Legion of Florida.

REAL ESTATE SCHOLARSHIPS:

Greater Daytona Beach Board of Realtors Scholarship.—This scholarship amounts to $240 annually and is to be awarded to a student from Greater Daytona Beach pursuing the curriculum in real estate. The student will be selected by the Principal of the Daytona Beach High School. The need of the applicant as well as scholarship will be taken into consideration. Application for the scholarship may be filed either with the Dean of the College of Business Administration or with the Principal of the Daytona Beach High School.

Jay Hearin Scholarship.—This scholarship, which is offered in 1951-52, and which amounts to $240, is given by Jay Hearin of Tampa. It is awarded by the University Scholarship Committee to any student living anywhere in Florida who is pursuing the curriculum in real estate. The need of the applicant as well as scholarship will be taken into consideration. Application for this scholarship should be made to the Dean of the College of Business Administration.

Jacksonville Board of Realtors Scholarship.—This scholarship amounts to $240 annually and is to be awarded to a student from Duval County pursuing the curriculum in real estate selected by the Committee on Student Aid and Scholarships and Awards. In the event no student from Duval County applies for the scholarship, it is to be awarded to a student living anywhere in the state of Florida. The need of the applicant as well as scholarship will be taken into consideration. Application for this scholarship may be made to the Scholarship Committee through the Dean of the College of Business Administration.

The Keyes Scholarship in Real Estate.—This scholarship which amounts to $240 is offered annually by the Keyes Company of Miami. It is awarded by the University Committee on Student Aid, Scholarships and Awards to a student from Dade County who is pursuing the curriculum in real estate. The need of the applicant as well as scholarship will be taken into consideration. Applications therefor should be made to the Dean of the College of Business Administration.

Lakeland Board of Realtors Scholarship.—This scholarship amounts to $240 annually and is to be awarded to a student from Polk County pursuing the curriculum in real estate selected by the University Committee on Student Aid, Scholarships and Awards. In the event no student from Polk County applies for the scholarship, it is to be awarded to a student living anywhere in the state of Florida. The need of the applicant as well as scholarship will be taken into consideration. Application for this scholarship may be made to the Scholarship Committee through the Dean of the College of Business Administration.

Orlando Board of Realtors Scholarship.—This scholarship amounts to $240 annually and is to be awarded to a student from Orange County pursuing the curriculum in real estate selected by the University Committee on Student Aid, Scholarships and Awards. In the event no student from Orange County applies for the scholarship, it is to be awarded to a student living anywhere in the state of Florida. The need of the applicant as well as scholarship will be taken into consideration. Application for this scholarship may be made to the Scholarship Committee through the Dean of the College of Business Administration.

St. Petersburg Board of Realtors Scholarship.—This scholarship amounts to $240 annually and is to be awarded to a student from Pinellas County pursuing the curriculum in real estate selected by the University Committee on Student Aid, Scholarships and Awards. The need of the applicant as well as scholarship will be taken into consideration. Application for this scholarship may be made to the Scholarship Committee through the Dean of the College of Business Administration.

Tampa Board of Realtors Scholarship.—This scholarship amounts to $240 annually and is to be awarded to a student from Hillsborough County pursuing the curriculum in real estate selected by the Scholarship Committee of the Tampa Board of Realtors. The need of the applicant as well as scholarship will be taken into consideration. Application for this scholarship may be made to the Scholarship Committee of the Tampa Board of Realtors through the Department of Real Estate.

Winter Haven Board of Realtors Scholarship.—This scholarship, which is offered in 1951-52 and which amounts to $240, is given by the Winter Haven Board of Realtors to a student from the Greater Winter Haven area who has attended the Winter Haven High School and who is pursuing the curriculum in real estate. The Scholarship is awarded by the Principal of the Winter Haven High School with the approval of the Board of Directors of the Winter Haven Board of Realtors. The need of the applicant as well as scholarship will be taken into consideration. Application for the scholarship may be filed either with the Dean of the College of Business Administration or with the principal of the Winter Haven High School.

Gainesville Board of Realtors Scholarship.—This scholarship amounts to $240 annually and is to be awarded to a student from Alachua County who is a former member of the Boys' Club and who is pursuing the curriculum in Real Estate. The need of the applicant as well as scholarship will be taken into consideration. Application for this scholarship may be made through the Department of Real Estate.

Stephen F. McCready Scholarship.—This scholarship amounts to $240 annually and is to be awarded to a student from Marion County pursuing the curriculum in real estate. The need of the applicant as well as scholarship will be taken into consideration. Application for this scholarship may be made through the Department of Real Estate.

LOANS

All student loan funds are administered by the Committee on Student Aid, Scholarships and Awards unless otherwise provided for by the terms and conditions laid down by the donors of loan fund.

The several loan funds available at the University of Florida may be divided into two classes: (1) The long-term loan fund which allows the student to complete his college education and repay the loan after graduation in installments over a period of years; and (2) the short-term emergency loan fund which aims to meet the needs of unforeseen emergencies that arise in the financing of college expenses. As a rule, the short-term loans are for small amounts and are repayable within the semester.

APPLICATIONS

Unless otherwise specified, application for loan funds should be made to the Chairman of the Committee on Student Aid, Scholarships and Awards in the Office of Student Personnel, University of Florida, Gainesville. Loans will be granted only after a personal appearance of the applicant.

ELIGIBILITY FOR LOANS

No student may borrow from the University of Florida loan funds who does not have a "C" average for the entire time he has been at the University. Where there are extenuating circumstances, exception to this rule may be made. Before a loan will be granted the Committee must be thoroughly convinced of the applicant's real need for assistance and it will be considered grounds for refusal of the application if it is found that a loan is desired as a mere matter of convenience to avoid earnest effort on the part of the applicant to obtain the necessary money from other sources.

AMOUNT OF LOANS

Long-term loans shall be limited to $500.00 to any one applicant. Not more than $250.00 may be secured during any one semester. Short-term loans are for small amounts with a maximum of $50.00.

RESPONSIBILITY

Each student making a loan shall sign a note for the full amount of the loan. The applicant for long-term loans shall be required to furnish an acceptable endorser.

LONG-TERM LOANS

Loans shall be payable in a lump sum or in installments of not less than 10% per month, which payments shall include interest and principal. The loan, or the first payment, shall be due not later than three months after graduation or the date of leaving college if the borrower does not graduate. Exceptions to this may be made in special cases.

SHORT-TERM LOANS

Short-term loans (Tolbert Loans) are available in cases of emergency. These loans may not exceed $50.00 to any one applicant and must be repaid within 90 days or by the end of the semester in which the loan is made.

INTEREST

Unless the loan fund specifies otherwise, loans will bear 5% interest.

LOAN RENEWALS

Loan renewals requested by students in residence shall be made to the Chairman of the Committee on Student Aid, Scholarships and Awards. Loan renewals requested by students no longer in residence shall be made to the custodian of accounts in the Business Office.

PENALTIES FOR DELINQUENCIES

If a loan is due before the end of the semester and is not paid or renewed, the student may not receive credit for the semester's work, will not be issued a transcript, and may not reregister until payment or renewal is made. This delinquency shall be posted on the student's personal record. If a loan is due before the beginning of a

semester and is not paid or renewed, the student will not be allowed to register, or will be dropped if he has already registered.

* * * * * * * *

Unless otherwise specified, application for loan funds listed below should be made to the Dean of Men who is Chairman of the Committee on Student Aid, Scholarships and Awards.

American Association of University Women.—The Gainesville Branch of the American Association of University Women offers a loan scholarship of $100 each to women students who need financial help to continue their education. Gainesville, Florida girls will be given preference. (No interest while in college; 5% beginning September following last year in college. Repay at minimum rate of $5 a month after graduation or withdrawal.) Apply to Dean of Women, University of Florida, Gainesville, Florida.

The American Bankers Association Loan.—The American Bankers Association has allocated to the University of Florida one loan for a student whose major course is in banking, economics, or related subjects in classes of junior grade or above. The value of this loan is $250.

Benton Engineering Loan Fund.—On May 20, 1938, a friend of the late Dean Benton gave to the Engineering College $500 to be used as a revolving loan fund. This fund is to be used in cases of emergency when, on account of financial difficulties, worthy students would be kept from graduating unless they could receive some assistance. Only in special cases are these loans made to members of the junior class. Applications for loans from this fund should be made to the Dean of the College of Engineering, University of Florida, Gainesville.

Business Administration Loan Fund.—This is a short-term loan fund confined to students in the College of Business Administration. It was started with a contribution of $150.00 from Mr. Lemuel R. Boulware. Application for the loan should be made to the Committee on Student Aid, Scholarships and Awards and approved by the Dean of the College of Business Administration.

Chemistry Department Loan Fund.—A friend of the Department of Chemistry, who wishes to remain anonymous, has created a revolving loan fund available to needy students of chemistry who show promise of success. Eligibility is to be determined by the Head of the Department of Chemistry or his selected representatives. The maximum amount to be loaned to a deserving applicant is $200 per year. No interest is to be charged. No co-signer or endorsement is required. The principal is to be repaid within five years.

The National Society of the Colonial Dames of America in the State of Florida Loan Fund.—The National Society of the Colonial Dames of America in the State of Florida has established a loan scholarship for deserving students. This scholarship is administered by the Directors of the Florida Educational Loan Association. Applications should be made to the Chairman of the Committee on Student Aid, Scholarships and Awards.

William Wilson Finley Foundation.—As a memorial to the late President Finley and in recognition of his interest in agricultural education, the Southern Railway Company has donated to the University of Florida the sum of $1,000 to be used as a loan fund. No loan from this fund to an individual is to exceed $150 per year. Recipients are selected by the Dean of the College of Agriculture, University of Florida, to whom applications should be sent, or to the Chairman of the Committee on Student Aid, Scholarships and Awards.

Florida Association of Architects Loan Fund.—The Florida Association of Architects has created a revolving loan fund of $500 for the purpose of aiding needy students in Architecture who have proved themselves worthy. Applications should be made to the Dean of the College of Architecture and Allied Arts, University of Florida, Gainesville.

Humble Oil Company Loan Fund.—A loan fund of $18,500 has been made available by the Humble Oil Company through the Board of Control. Applicants must have completed at least one semester of college work with a scholastic average of C or better. The amount of these loans will not exceed $200 per year to undergraduates. Applicants will be required to furnish a satisfactory endorser of notes. A schedule of repayment is provided whereby the borrower will be allowed a period of three years after leaving the University to complete repayment, with the understanding that at any time while in attendance at the University or after graduation or leaving the University the total amount or any part of the loan may be repaid. Loans will bear 5% interest, but will not begin bearing interest until the borrower is graduated or for any other reason leaves the University.

Kappa Delta Pi Loan Fund.—The Kappa Delta Pi honorary educational fraternity at the University of Florida has established a loan fund for students who are pursuing work in the College of Education preparatory to entering the teaching profession. The fund at the present time amounts to $300. Further information concerning this loan fund and forms for making application for a loan may be secured from the treasurer of Kappa Delta Pi at the College of Education, P. K. Yonge School, University of Florida, Gainesville. Loan Fund Committee: Dr. Kenneth Kidd, Chairman.

Kiwanis Club Loan Fund.—The Kiwanis Club of Tampa, Inc., has a limited amount of money set aside in a revolving student loan fund. Any student from Hillsborough County is eligible to apply for a loan. Application may be made to Mr. Edward D. Cooper, 704 First National Bank Building, Tampa 2, Florida.

Knights of Pythias Scholarship Loans.—Several scholarship loans have been established by the Grand Lodge of the Knights of Pythias. Application for these loans should be made to Mr. Frank Kellow, Secretary-Treasurer, Student Aid Department, Grand Lodge of Florida Knights of Pythias, Fort Myers, Florida.

The Knights Templar Student Loan Fund.—The Grand Commandery Knights Templar of Florida has a revolving student loan fund available to students in the various colleges of the State, for their junior and senior years, where satisfactory references pertaining to character and scholastic records are furnished. Students should contact local Commandery nearest their homes, as their first step, and then they will be referred to a committee handling the loan.

The Alfred Morton Kohn Memorial Loan Fund.—The Alfred Morton Kohn Memorial Loan Fund was established by Mr. and Mrs. Harry Kohn in memory of their son, Alfred Morton Kohn, who was a graduate of the 1942 Class of the University of Florida. He served in the United States Army as Editor of *Stars and Stripes,* and afterwards as War Correspondent of *Stars and Stripes* in France. He was killed August 29, 1944, in line of duty.

This loan fund is limited to two loans per year of $250 each to students registered in the College of Arts and Sciences, majoring in Journalism. The loans will be advanced, without interest, to the two students qualifying, and is to be paid back beginning three years after graduation. The administration of the loan fund shall be through the Committee on Student Aid, Scholarships and Awards at the University of Florida. Applications should be sent to the Dean of Men.

The Ladies' Auxiliary Fund.—The Ladies Auxiliary of the Florida State Pharmaceutical Association has established a loan fund for deserving students of pharmacy in need of assistance. Further information may be obtained from the Dean of the College of Pharmacy, University of Florida, Gainesville.

Senior Law Loan Fund.—A loan fund available to seniors in the College of Law was established by the Law Class of 1938 and has been increased by subsequent gifts. Applications should be made to the Dean of the College of Law, University of Florida, Gainesville.

Latin-American Student Loan Fund.—Dr. William Kenneth Jackson donated $250 to be used as an emergency loan fund for Latin-American students in attendance at the University of Florida. Applications for loans from this fund may be made in the Office of the Dean of Men for amounts not to exceed $50 to any one student. They are to be repaid within the semester in which the loan is made.

The James F. and Elsie A. Magurno Loan Fund.—Applicants must be residents of the State of Florida and qualify as follows:

1. Be a bona fide resident for three (3) years of the area comprised of Clearwater, Belleair, Largo, Dunedin, Tarpon Springs and Safety Harbor.
2. Have a total immediate family income of less than $3,000 per annum.
3. Boy Scouts, Girl Scouts, Sea Scouts and Mariner Scouts are to be given first preference.
4. Applicants must have a high school average of at least 80% or a college average of "C". Loans will be made on basis of greatest need.
5. All applicants are to take oath of allegiance to the United States. The maximum amount for any given semester is $125, with $250 maximum to any one student. No interest will be charged until one year after the loan is in effect; thereafter, interest, not compounded, will be charged at the rate of 4%.

Applications should be made to the Committee on Student Aid, Scholarships and Awards at the University of Florida or to the local Committee, Courthouse, Clearwater, Florida.

The Board of Education of the Methodist Church Loan Fund.—The Board of Education of the Methodist Church has set up a loan fund which is available to students who are members of the Methodist Church. Information relative to the conditions under which these loans are made can be secured from The Board of Education of the Methodist Church, 810 Broadway, Nashville, Tennessee; or from the Director of the Wesley Foundation, West University Avenue, Gainesville, Florida.

The Verne E. Minich Educational Foundation Loan Fund.—The Verne E. Minich Foundation has made available a loan fund to University of Florida students. The applicant for a loan from this fund must be a graduate of an accredited high school, and must have completed at least two semesters of college work with a scholastic average of C or better. The amount of loans will not exceed $250 per year to any one individual. Loans will bear 4% interest, but will not begin bearing interest until the borrower is graduated or for any other reason leaves the University. Applicants will be required to furnish a satisfactory endorser of their note. A schedule of repayment is provided whereby a borrower will be allowed a period of three years after leaving the University in which to complete repayment. Application should be made to the Chairman of the Committee on Student Aid, Scholarships and Awards, Office of the Dean of Men.

The Albert Alexander Murphree Loan Fund.—A friend and former student of Dr. Albert Alexander Murphree has contributed $500 to be used as an emergency loan fund for University of Florida students. Other friends are invited to add to this fund.

This loan fund is designed to meet emergency needs of students. Loans will be limited to $50 to any one student and are to be repaid within a three months period or before leaving school. Application for the loans should be made through the Office of the Dean of Men, University of Florida.

Murphree Engineering Loan Fund.—On September 16, 1929, a friend of our late President, Dr. A. A. Murphree, gave to the Engineering College $500 to be used as a revolving loan fund. This fund was to be used in cases of emergency when, on account of financial difficulties, worthy students would be kept from graduating unless they could receive some assistance. Only in special cases are these loans made to members of the junior class. Applications for loans from this fund should be made to the Dean of the College of Engineering, University of Florida, Gainesville.

Pharmacy Loan Fund.—The Duval County Ladies' Auxiliary of the Florida State Pharmaceutical Association has established a short-term loan fund of $300 for the use of students in the College of Pharmacy. These loans are made in amounts not exceeding $50 and for periods not exceeding 90 days. Further information may be obtained from Mrs. P. A. Foote, 517 SW 10th Street, Gainesville, Florida.

P. E. O. Educational Loan Fund.—This loan fund is available to women students at the University of Florida. Loans may be secured in amounts of $400, maximum for one year, or $800.00, maximum for two years. Applications should be made to the Dean of Women, University of Florida, from whom additional information may be obtained.

Phi Kappa Phi Loan Fund.—The Florida chapter of Phi Kappa Phi, national honorary scholastic society, has established a $250 annual loan fund for Phi Kappa Phi members. Loans will be made principally to students intending to pursue graduate work. Application should be made to Professor W. A. Gager, Phi Kappa Phi Loan Fund, University of Florida, Gainesville.

Pickett and Hatcher Educational Fund.—The Pickett and Hatcher Educational Fund was created by the late Claud Adkins Hatcher, of Columbus, Georgia, founder of the NEHI Corporation and its predecessors. In his will, Mr. Hatcher set aside a substantial sum to assist worthy students to obtain a college education. Inquiries concerning loans from this fund should be addressed to Pickett and Hatcher Educational Fund, P. O. Box 1233, Columbus, Georgia.

Rotary Loan Fund.—The Rotarians of Florida have set aside a considerable sum of money to be used in making loans to worthy boys or girls who would not otherwise be able to attend college. The maximum loan is $300 per year. These loans are not available to freshmen. Applications for these loans should be made to the President of the Rotary Club of the city from which the student registers, or to Mr. K. H. Graham, Secretary-Treasurer, Florida Educational Loan Corporation, University of Florida, Gainesville.

The Leo S. Rowe Pan American Fund.—Through the generosity of Dr. Leo S. Rowe, the late Director General of the Pan American Union, a revolving loan fund was created to render supplementary assistance to deserving Latin American Students who wish to pursue studies or investigations in the universities and colleges of the United States.

The Fund thus created through his will is known as the Leo S. Rowe Pan American Fund. It is administered through a Permanent Committee, designated by the Council of the Organization of American States.

The benefits of the fund are extended in the form of loans to students in the following categories:

1. Latin American students who, having completed their technical or professional studies, wish to come to the United States to pursue advanced studies or engage in special research or investigations of a technical or scientific nature.

2. Latin American students who are already pursuing studies or research in the United States, and who require additional assistance to enable them to complete their work or to meet an emergency.

3. Latin American students who are the recipients of scholarships for study in the universities or colleges of the United States, or have resources of their own to undertake such studies, but who may require additional assistance to enable them to meet their needs.

The Permanent Committee has particularly stressed the importance that these loans be granted to applicants whose studies have a direct bearing on the economic, social and cultural development of the Latin American countries. Emphasis has also been placed on the fact that all applicants must complete their studies, leading to a degree, within the maximum period of two years. The maximum obtainable for students already in the United States is $500 per year. The loans bear no interest and must be repaid within five years after the completion of the purpose for which they were granted.

All inquiries should be addressed to the Secretariat of the Leo S. Rowe Pan American Fund, Pan American Union, Washington 6, D. C.

The John G. and Fannie F. Ruge Memorial Scholarship and Loan Fund.—This scholarship and loan fund was made available through the will of the late John G. and Fannie F. Ruge of Panama City who stated in the will that "there is no greater privilege in this world than to give young men and women the means of intellectual growth." A limited amount of the fund has been set up for scholarships; the remainder is operated as a loan fund. "Such loans," he stated, "are to be made on the condition that the recipient refund the money thus loaned as soon as he or she may reasonably be able to earn it after providing for their livelihood in an economical manner." These loans, if not repaid, will not only manifest ingratitude to those individuals who made them possible, but will work gross injury to the John G. and Fannie F. Ruge Loan Fund.

The applicant must be a bona fide full time student of the University of Florida and must have completed at least thirty hours of college work with a scholastic average of C or better. The maximum loan granted to any one student during the year is $500, or a total of $1,000 while in school. Applications for both scholarships and loans should be made to the Office of the Dean of Men.

John J. Tigert Student Loan Fund.—At its meeting on April 15, 1946, the Board of Control accepted $500 from a friend of the University to be used as a revolving loan fund. This fund was to be used in cases of emergency when, on account of financial difficulties, worthy students would be kept from graduating unless they could receive some assistance. Only in special cases are these loans made to members of the junior class. Applications for loans from this fund should be made to the Dean of the College of Engineering, University of Florida, Gainesville.

Tolbert Memorial Student Loan Fund.—Through the efforts of various student organizations approximately $12,000 has been accumulated for making short-term loans to students to meet financial emergencies. These loans are made in amounts not exceeding $50 and for periods not exceeding 90 days.

The Edward J. Triay, Jr. Memorial Loan Fund.—This loan fund was made available through the will of the late Edward J. Triay, Jr. Requirements for this loan are: The applicant must be a bona fide resident of Florida, male, and must have completed at least one semester of college work with a scholastic average of C or better.

The amount of these loans will not exceed $200 per year to undergraduates. Applications should be made to the Committee on Student Aid, Scholarships and Awards, of which the Dean of Men is Chairman.

The Jacksonville Chapter, United Daughters of the Confederacy Loan Fund.—The Jacksonville Chapter of the United Daughters of the Confederacy grants a loan of $200 each year to a student registered in one of the colleges or universities in the State of Florida. Applications should be made to the President of Jacksonville Chapter No. 1128, Jacksonville, Florida.

The Martha Reid Chapter, United Daughters of the Confederacy Loan Fund.—The Martha Reid Chapter of the United Daughters of the Confederacy has established a loan fund of $200 to be given to a junior or senior in the University of Florida who is of Confederate lineage and is not affiliated with a social fraternity. Applications for this loan fund may be made to Mrs. J. M. Warren, Jr., President, Martha Reid Chapter, No. 19, United Daughters of the Confederacy, Jacksonville, Florida. This loan shall be repaid in monthly installments, of not less than $10 without interest beginning with October of the second year after graduation.

Joseph Weil Student Loan Fund.—At its meeting on April 15, 1946, the Board of Control accepted $500 from a friend of the University to be used as a revolving fund. This fund was to be used in cases of emergency when, on account of financial difficulties, worthy students would be kept from graduating unless they could receive some assistance. Only in special cases are these loans made to members of the junior class. Applications for loans from this fund should be made to the Dean of the College of Engineering, University of Florida, Gainesville.

Rudolph Weaver Student Loan Fund.—Under the provisions of the will of Rudolph Weaver, Director of the School of Architecture from 1925 to 1944, a $500 loan fund was created to aid students in Architecture who have completed two years of their University course. Applications should be made to the Dean of the College of Architecture and Allied Arts, University of Florida, Gainesville, Florida.

STUDENT HEALTH SERVICE

Applicants for admission to the University are furnished a medical history and physical examination form by the Registrar's Office. The medical history is filled in by the applicant before going to his doctor for the physical examination. The physical examination must be performed and completed by a *licensed Doctor of Medicine* and mailed by the doctor *directly* to Head, Student Health Service, University of Florida, Gainesville. This medical history and physical examination must be approved by a University Physician before the applicant is cleared for registration in the University.

The Health Service strives to prevent students with communicable diseases from entering the University. All students enrolled at the University are given annual chest x-rays by the State Health Department and every effort is made to detect evidence of tuberculosis of which the student may be entirely unaware. (Faculty members and employees of the University are also given annual chest x-rays). *Late registrants will be charged a special fee of $2.00 for their chest x-ray* if the x-ray units of the State Health Department are not available. Students should have been successfully vaccinated against smallpox within the past five years and the Health Service advises all students to be immunized to typhoid fever and tetanus before coming to the University.

The University maintains the Student Health Service in the Infirmary Building on the campus for the protection and medical care of the students in residence. The Out-

patient Clinic is open during the day from 8:00 A. M. to 12:00 P. M. to provide all students in need of medical care with consultation and treatment. The hospital, of 50 beds, provides the student in need of hospitalization with twenty-four hour general nursing care and patients entering the hospital are under the constant observation of a University Physician. An emergency service is available to students who become acutely ill or are injured when the clinic is closed and such students may obtain treatment at any time by reporting to the Infirmary. University Physicians do not make calls outside the Infirmary or attempt to treat students in their rooms where the facilities for treatment are inadequate. Students should be instructed before leaving home to report immediately to the Infirmary should they become ill. Parents will be notified by a University Physician whenever a student is believed to be seriously ill.

The Infirmary is staffed and equipped for treating the acute illnesses, injuries and emergencies which commonly occur while the student is in residence at the University. It is not organized, however, to provide for the care of students suffering from chronic diseases. The Student Health Service does not assume the responsibility for the treatment of students having Epilepsy, Organic Heart Disease, Asthma, Rheumatic Fever, Diabetes or prolonged illnesses. Students with such chronic diseases may receive emergency treatment in the Infirmary but they must arrange for a continuation of their medical care outside the University Health Service.

There are no facilities for dental work or eye refractions in the Student Health Service and therefore students are urged to have defects of vision and teeth corrected before coming to the University.

Major surgery is not performed at the Infirmary. Some minor surgery is performed in the Infirmary at University Physicians' discretion only. However, all surgical operations are the responsibility of the student and his parents and are performed with their consent, and if at another hospital at their expense. Whenever an emergency operation is imperative, the student shall be referred to a competent surgeon and transferred to the Alachua General Hospital in Gainesville, which is fully approved for surgery by the American College of Surgeons. Students receiving severe, multiple or compound fractures will be handled in the same manner as students in need of emergency surgery.

Competent physicians and surgeons in Gainesville cooperate readily with the Health Service in consultations. Whenever a student is found to be in need of a consultant, the University Physician will arrange for such a consultation at the student's expense. Students requesting the professional attention of a physician or registered nurse of their choice may do so at their expense and by the approval of the Head of the Medical Staff of the Infirmary. Local physicians are available for medical service to students at their places of residence, at the student's expense.

The Health Service is available only to those students currently enrolled in the University who have paid the student health fee. In the case of married students, who are unacquainted with local physicians, the Health Service will be glad to recommend well qualified physicians to attend their families.

The Health Fee does not include surgery, consultation, special duty nursing, special medicines, treatments or laboratory work and an extra charge is made for these. The Infirmary offers students a diagnostic x-ray service at a very nominal cost. All x-rays are interpretated by a qualified Radiologist. A charge of $1.75 per day for board is also made.

The University is not responsible for the care of students during vacation periods. The Infirmary will be closed during official University vacation periods, but in certain

instances it may make special arrangements for the continued care of students who were hospitalized before the vacation period.

During epidemics, the facilities of the Student Health Department may be so overtaxed that the care of all ill students at the Infirmary would be impossible. In such an emergency every effort will be made to provide for the care of students outside of the Infirmary, but the Student Health Service will not assume payment for services rendered by outside doctors or other hospitals.

FLORIDA UNION

The Florida Union, the official center of student activities, is almost entirely financed by a student activity fee, and is governed by a Board of Managers, consisting of five students and four faculty members.

A Social Board, composed of students interested in planning student activities, is empowered by the Board of Managers to plan and promote all social, cultural and recreational activities in the Union. This Board and its committees are open to any student interested in participation.

Among the weekly activities sponsored by the Social Board and open to all students are Club Rendezvous, bingo parties, bridge tournaments, dancing classes, coffee hours, and movies at the Union, Flavet I and Flavet III. Special activities such as receptions, dances, billiard tournaments, open house, vesper services, community sings, art exhibits, Wauburg picnics, and Christmas parties are all part of the Union program.

The Union is open daily from 7:00 a.m. until 11:00 p.m. Among the facilities and services offered, are a music listening room, a craft and hobby shop, photographic darkrooms, browsing library, game room, lounges, embosograf poster services, a mimeographing service for student organizations, free notary public service, rental typewriters, a lost and found department, public telephones, information desk, Western Union substation, auditorium, and meeting rooms for student activity groups. Guest rooms are available for official guests of the University, guests of students, and alumni.

Offices for the President of the student body, the Executive Council, Honor Court and all student publications are located in the Union Building as is the Office for the Director of Religious Activities.

The University's Camp Wauburg, operated by the Florida Union, is a recreation area for the exclusive use of University personnel. This area, overlooking a beautiful lake, is located nine miles south of the campus. Facilities include a large picnic area, a recreation building, a bath house, a dock with a diving board, many small outdoor fireplaces for cooking, and a playground area for volleyball, horseshoes, badminton, and softball. Other activities include swimming, boating, and fishing.

UNIVERSITY FOOD SERVICES

The University provides meals for all students on the cafeteria plan. Students are offered a high quality of food at reasonable prices, and the food is carefully planned and attractively served. The policy is to furnish well prepared food at the lowest possible cost. Coupon books containing tickets with a monetary value of $5.00 or $15.00 are available for the convenience of the students.

The *Main Cafeteria* is located adjacent to the majority of the men's residence halls.

The *Florida Room* cafeteria is located near the women's residence halls. In addition to the cafeteria service, a grill and soda fountain are open in each establishment at all hours of the day to students who wish to patronize them.

The new *Student Service Center* is centrally located near all residence halls, providing complete fountain and short order grill service for planned meals or in-between-meal snacks.

STUDENT ACTIVITIES

ORGANIZATIONS AND PUBLICATIONS

Student Government.—Student government in the University of Florida is a cooperative organization based on mutual confidence between the student body and the faculty. Considerable authority has been granted the Student Body for the regulation and conduct of student affairs. The criterion in granting authority to the Student Body has been the disposition of the students to accept responsibility commensurate with the authority granted them. Generally speaking, the fields of student activity include regulation of extra-curricular affairs and the administration of the Honor System.

Every enrolled student, having paid his activity fee, is a member of the Student Body and has an equal vote in its government.

The University authorities feel that training in acceptance of responsibility for the conduct of student affairs at the University is a valuable part of the educational growth of the individual student. The Student Body is practically a body politic, occupying its franchise under grant from the Board of Control and subject to its continued approval.

Student government is patterned on the state and national form of government, but adapted to the local needs of the Student Body. Powers are distributed into the three branches: (1) legislative, which is embodied in the Executive Council; (2) judicial, which is embodied in the Honor Court with penal and civil jurisdiction of all judicial matters; (3) executive, embodied in the President and shared with the Vice-President and the Secretary-Treasurer of the Student Body. Members of all three branches are elected directly by the Student Body once a year.

Student government enacts and enforces suitable laws, and promotes athletics, debating publications of the Student Body, entertainments of a general educational value, and such other activities as the Student Body may adopt. The officers of the Student Body are the President, Vice-President, Secretary-Treasurer, members of the Honor Court, Athletic Council, Executive Council, Lyceum Council, editors and business managers of student publications, and student members of the Board of Student Publications.

Women Students' Association.—The Women Students' Association of the University is a subsidiary of the student body. Its purposes are:

1. To promote the welfare of women students in cooperation with the administration, the student body, and the Dean of Women.
2. To deepen the sense of individual and collective responsibility.
3. To promote loyalty to all college activities and organizations and to uphold high social and academic standards among University women students.

Every undergraduate woman student upon registration in this University automatically becomes a member of the Women Students' Association of the University of Florida.

The business of the association is conducted by a council composed of an executive committee consisting of the officers, one representative from the Freshman, Sophomore, Junior, and Senior Classes respectively, and the Secretary of Women's Affairs, and representatives elected from Alpha Lambda Delta, the Hall Councils, Panhellenic, Women's Glee Club, Women's Independent Society, Women's Recreation Association and other women's organizations as they are admitted to the campus and passed on by the executive committee. There are also elected representatives from Off-campus students. Voting in these elections is limited to undergraduate *women* students.

Debating.—Practice in debating is open to all students through the programs of the varsity and University College debate squads. This work, which is sponsored by the Debate Club, is under the direction of the Department of Speech, and culminates in an extensive schedule of intercollegiate debates.

Dramatics.—Any student has an opportunity to participate in several plays which are presented each year by the *Florida Players,* a dramatic group under direction of the Department of Speech.

Executive Council.—The Executive Council is composed of representatives elected from the colleges on the campus and in general acts as administrator of Student Body affairs. The Athletic Council and the Lyceum Council have jurisdiction over their respective fields.

Publications.—The Student Body publishes *The Seminole,* the year book; *The Florida Alligator,* the student newspaper; *The "F" Book,* the student's guide; and *The Orange Peel,* the campus literary magazine.

Religious Activities.—A broad program of inter-denominational religious activities is sponsored on the campus by the Student Religious Association. Composed of representatives of all denominational student religious groups and of the student body at large, the Association brings outstanding lectures in the field of religion to the University, holds group discussions and seminars, and enlists students in a program of service to the University and the state. A faculty committee on religion, appointed by the President of the University, assists the Student Religious Association in its program and work.

Denominational centers adjacent to the campus and full-time student pastors are provided by the following religious groups: Baptist, Episcopal, Jewish, Methodist, Presbyterian, and Roman Catholic. Other denominations, most of which have churches in Gainesville, offer special student programs and services through the local groups.

Social Fraternities.—Twenty-four national social fraternities have established chapters at the University; most of them have already built chapter houses and others have leased homes. The general work of the fraternities is controlled by the Interfraternity Council, composed of one delegate from each of the national fraternities. The national fraternities at Florida are Alpha Gamma Rho, Alpha Tau Omega, Beta Theta Pi, Chi Phi, Delta Chi, Delta Tau Delta, Delta Sigma Phi, Kappa Alpha, Kappa Sigma, Lambda Chi Alpha, Phi Delta Theta, Phi Gamma Delta, Phi Kappa Tau, Pi Kappa Alpha, Pi Kappa Phi, Pi Lambda Phi, Sigma Alpha Epsilon, Sigma Chi, Sigma Nu, Sigma Phi Epsilon, Tau Epsilon Phi, Tau Kappa Epsilon, Theta Chi, and Zeta Beta Tau. The two local colonies Alpha Epsilon Pi and Phi Sigma Kappa are expected to apply for national recognition in the near future.

Eleven national women's social fraternities have established chapters at the University. The eleven chapters are Alpha Chi Omega, Alpha Delta Pi, Alpha Epsilon Phi, Alpha Omicron Pi, Chi Omega, Delta Delta Delta, Delta Gamma, Kappa Delta, Phi Mu, Sigma Kappa, and Zeta Tau Alpha.

Professional and Honorary Fraternities.—Alpha Delta Sigma, advertising; Alpha Epsilon Delta, pre-medical; Alpha Epsilon Rho, radio; Alpha Kappa Delta, sociology; Alpha Kappa Psi, business; Alpha Lambda Delta, women's freshman scholastic; Alpha Phi Omega, service; Alpha Tau Alpha, agricultural education; Alpha Zeta, agriculture; Beta Alpha Psi, accounting; Beta Gamma Sigma, commerce; Delta Phi Alpha, German; Delta Pi Epsilon, graduate business education; Delta Sigma Pi, business; Delta Theta Phi, law; Florida Blue Key, men's leadership; Gamma Sigma Epsilon, chemistry; Gargoyle, architecture; Kappa Delta Pi, education; Kappa Epsilon, pharmacy; Kappa Kappa Psi, band; Kappa Psi, pharmacy; Le Trait d' Union, French; Los Picaros, Spanish; Mortar and Pestle, student branch of the American Pharmaceutical Association, pharmacy; National Collegiate players, dramatics; Nu Rho Psi, psychology; Pershing Rifles, military; Phi Alpha Delta, law; Phi Alpha Theta, history; Phi Delta Delta, law; Phi Delta Phi, law; Phi Delta Kappa, education; Phi Eta Sigma, men's freshman scholastic; Phi Sigma, biology; Pi Mu, pre-medical; Pi Sigma Alpha, political science; Rho Chi, pharmacy; Scabbard and Blade, military; Sigma Delta Chi, journalism; Sigma Delta Pi, Spanish; Sigma Delta Psi, athletics; Sigma Tau, engineering; Sigma Tau Delta, literary; Tau Kappa Alpha, debating; Trianon, women's leadership; Xi Sigma Pi, forestry.

Clubs and Societies.—There are more than one hundred and fifty student clubs and organizations on the campus representing varied interests and activities. These include hometown and county clubs, hobby groups, veterans' organizations, religious organizations, academic interest clubs, and social and dance organizations.

HONOR SYSTEM

The Honor System.—One of the finest tributes to the character of the students at the University of Florida is the fact that the Student Body is a self-governing group. The details of the system by which this result is reached will be explained to all freshmen during the first week of their enrollment in the University. However, each parent, as well as each prospective student, is urged to read the following discussion of the Honor System, as this phase of student government forms the keystone of the entire system.

In addition to permitting student legislation on questions of interest to the members of the Student Body, execution of the laws passed, and the expenditure of student funds, the governing system at the University gives to the students the privilege of disciplining themselves through the means of the Honor System. Inaugurated by some of our greatest educators in higher institutions of the nation and early adopted in some departments of the University of Florida, the Honor System was finally established in the entire University in 1914 as the result of student initiative. This plan, having met with the approval of all officials of the University, was given the sanction of the Board of Control, and student representatives were selected by the students to administer the system.

Among the basic principles of an Honor System are the convictions that self-discipline is the greatest builder of character, that responsibility is a prerequisite of self-respect, and that these are essential to the highest type of education. Officials of the University and the Board of Control feel that students in the University of Florida should be assumed to be honest and worthy of trust, and they display this confidence by means of an Honor System.

The success of the system is dependent upon the honor of each individual member of the student body in that: (1) he is duty-bound to abide by the principles of the Honor Code, and (2) he is further pledged to report to the Honor Court such violations of the Code as he may observe.

Many men coming to the University for the first time feel hesitant about assuming this responsibility, inasmuch as early school training has created feelings of antipathy toward one who "tattle-tales" on a fellow-student. The theory of an Honor System adequately overcomes this natural reaction, however, when it is realized that this system is a student institution itself, and not a faculty measure for student discipline, and that to be worthy of the advantages of the Honor System each student must be strong enough to do his duty in this regard. In this way the responsibility for each man's conduct is placed where it must eventually rest—on himself.

The Honor Code of the Student Body is striking in its simplicity; yet it embodies the fundamentals of sound character. Each man is pledged to refrain from:

(a) cheating, (b) stealing, (c) obtaining money or credit for worthless checks.

On the basis of this Code, students are extended all privileges conceived to be the basic right of men of Honor. There are no proctors or spies in the examination rooms, each student feeling free to do his work, or to leave the room as occasion arises. Secondly, fruits and supplies are placed openly on the campus, with the confidence that each man will pay for any he may take. This system makes each man the keeper of his own conscience until he has proved to his fellow-students that he no longer deserves the trust placed in him.

A breach of the System may be flagrant and serious, or it may be extenuated by circumstances. It may need only mild corrective measures to help the violator obtain a finer conception of right and wrong; it may need strong measures. To enforce the System equitably the students have established the Honor Court. The Court is composed of twelve students and a chancellor all of whom are elected annually from the upper classes of the various colleges on the campus. Any student convicted by this Court has the right of appeal from its ruling to the Faculty Discipline Committee. A tribute to the efficiency of the Honor Court in its existence on the Florida campus is realized in the fact that, since its establishment, a surprisingly insignificant number of the Court's decisions have been altered upon appeal.

The penal purpose of the Honor Court should receive less stress, perhaps, than its educational purpose, which is its most important function. The responsibility of acquainting every member of the Student Body with the purpose, advantages, and principles of the Honor System is placed upon members of the Court. In line with this work, members of the Honor Court participate in the orientation program each year during Freshman Week. In addition to a series of explanatory talks at that time, special chapel programs are conducted by the Honor Court during the school year. Honor System talks are delivered in the high schools of the State upon request and at regularly scheduled times each spring, and radio programs are broadcast especially for the high schools from Station WRUF in Gainesville. In this way the Honor Court has endeavored to fulfill its responsibility to the Men who undertake the problem of self-government and self-discipline at the University of Florida.

The parent of every prospective student should feel that it is his responsibility to stress the paramount importance of honorable conduct on the part of his son while the latter is in attendance at the University of Florida. Dishonest action brings sorrow both to parent and to student.

Because University students have proved worthy of the trust and responsibility involved in administering an Honor System, this feature of student government has be-

come the greatest tradition at the University of Florida. It must be remembered that inasmuch as it is primarily a student responsibility, the future of the system rests with each new class of students entering the University.

The University faculty and administration pledge their support to the Honor System. Each student must support it or in failing to support it, contribute to the loss not only of a cherished tradition but the right of self-government. We at the University of Florida are fully cognizant that by fostering and supporting the ideals of self-government as reflected in student government, the support of American Democracy will be more thoroughly imbedded in the hearts of tomorrow's leaders.

INTERCOLLEGIATE ATHLETICS

The University of Florida Intercollegiate Athletics Program is among the best in the South and compares favorably with the programs of leading institutions throughout the nation. As a member of the National Collegiate Athletic Association and the Southeastern Athletic Conference, the University guides its Intercollegiate Program by the policies and regulations of those organizations. Major sports are football, basketball, baseball, swimming and track. Minor sports are golf, tennis, cross country and rifle shooting.

Physical facilities include the recently completed $1,600,000 gymnasium which provides facilities for Physical Education as well as Intercollegiate Athletics; the 36,500-seat football stadium equipped for night contests; five basketball courts, among them the 6,500-seat intercollegiate court; three baseball diamonds; a large swimming pool; a quarter-mile running track and 1,500-seat track stadium; sixteen handball courts; twenty-six tennis courts; and a 20-acre area available for Intramural Sports activities. Golfing facilities are arranged with the Gainesville Golf and Country Club.

INTRAMURAL ATHLETICS AND RECREATION

The function of Intramural Athletics is to encourage the student body to participate in organized athletic sports and wholesome recreation. The Department of Intramural Athletics and Recreation offers two types of programs: (1) group competition and (2) individual competition.

The program comprises some fourteen to twenty sports categories ranging from such individual and dual activities as handball, tennis and golf to the more highly organized sports such as track, basketball and touch football. There are three units of competition included in the program: (1) Fraternity (orange and blue), (2) Dormitory, and (3) Independent. The program provides diversified recreational activities and facilities for the use of the faculty, graduate, and undergraduate students who wish to participate. Facilities and instruction are available at specified hours. Where interest warrants, new activities and clubs are introduced and new units of competition formed.

The Department maintains a well stocked storeroom of athletic equipment for the use of all University of Florida students. Any regularly enrolled student may check out equipment between the hours of 8:30 A.M. and 6:00 P.M.

It is to be emphasized that the Intramural and Recreation Program is a University of Florida tradition. It is administered largely by voluntary student help and is essentially a highly democratic form of student expression.

PRIZES AND AWARDS

Alpha Kappa Psi Scholarship Medallion.—Each year Alpha Kappa Psi, international professional fraternity in commerce, awards a white gold-bronze medallion to the Senior in the College of Business Administration who for his first three years at the University of Florida has been most outstanding in scholarship and campus activities and has shown the most likely qualifications for a successful business career in the future.

The American Institute of Architects Silver School Medal.—The American Institute of Architects presents each year to the College of Architecture and Allied Arts, a silver medal to be awarded to a student in Architecture who, by his scholarly standing and character, is qualified to receive the award. This medal is accompanied by a copy of the book "Mont Saint Michel and Chartres" by Henry Adams. A copy of this book is also presented to a second student in the College similarly qualified and who is considered a runner-up.

American Institute of Chemical Engineering Award.—Each year an award consisting of an AIChE key and certificate is given to the junior enrolled in the Chemical Engineering Department who has the highest scholarship for the first two years at the University.

Art Society Award.—In recognition of scholastic standing and leadership the University of Florida Art Society offers a bronze medal and citation to an outstanding student receiving the baccalaureate degree in Art. The award is generally made annually but may be offered less frequently.

Attwood Leadership Award.—Mr. J. K. Attwood, Jacksonville pharmacist, gives a wrist watch to the senior pharmacy student who has shown outstanding leadership among his classmates and in campus activities, as determined by vote of the faculty of the College of Pharmacy.

Beta Gamma Sigma Scroll.—Each year the Florida chapter of Beta Gamma Sigma, National honorary business administration fraternity, awards a scroll to the junior in the College of Business Administration who has achieved the highest scholarship standing in course studies during freshman and sophomore years at the University of Florida.

Board of Control Awards.—The Board of Control annually awards the following medals:

1. The University College Declamation Medals, to the two best declaimers of the University College.
2. Junior Oratorical Contest Medals, to the two best orators of the Junior Class.
3. Senior Oratorical Contest Medals, to the two best orators of the Senior Class.

The Chapter Scholarship Award.—A Certificate of Merit, signed by the President of the American Institute of Chemical Engineers and the Chairman of the Committee on Student Chapters, and a student membership badge are given to the junior in Chemical Engineering who is a member of the Student Chapter and who has attained the highest scholarship standing during his freshman and sophomore years.

Chi Omega Social Science Prize.—This prize, which amounts to $25, is given by Eta Delta Chapter of the Chi Omega Fraternity. It is presented annually to the most outstanding woman student in the field of psychology.

Delta Sigma Pi Scholarship Key.—Each year the Florida chapter of the international fraternity of Delta Sigma Pi, professional business administration fraternity, awards a gold key to that male senior in the College of Business Administration who upon graduation ranks highest in scholarship for the entire course in Business Administration.

Dillon Achievement Cup.—Mr. Ralph M. Dillon, Tampa, has given a large silver loving cup on which is engraved each year the name of that student graduating in journalism who, in the opinion of the Dean of the College of Arts and Sciences and the faculty of the School of Journalism, possesses the highest qualifications for service to the press of Florida.

Emrich Prize.—William Emrich, Orlando pharmacist, annually gives a year's membership in the American Pharmaceutical Association to that pharmacy student who obtains the highest scholastic average in pharmaceutical subjects during the junior year.

Florida Association of Architects Medal.—The Florida Association of Architects of the American Institute of Architects Medal is awarded each year to the student in Architecture who has made the most meritorious contributions in leadership and service among his fellows.

Florida Association of Realtors—Bronze Plaque.—The Florida Association of Realtors Bronze Plaque is awarded each year to the graduating student majoring in Real Estate who has achieved the highest scholastic standing in this field.

Florida Chapter of the American Institute of Real Estate Appraisers—Silver Cup.—The Florida Chapter of the American Institute of Real Estate Appraisers Silver Cup is awarded each year to the student who in his course of studies submits the best property appraisal report.

Gargoyle Key.—The Gargoyle Club awards a gold key each year to the graduate of the University College who, in the opinion of the members, was outstanding in scholarship, leadership, initiative, and general ability. To be eligible for this award, the student must have completed the fundamental courses in Architecture or in Art.

Groover Cup.—The late F. C. Groover who was president of the Groover-Stewart Division of McKesson and Robbins, gave a large silver loving cup which is awarded to the graduating class in the College of Pharmacy attaining the highest general average in scholarship and is held by that class until this average is exceeded by a subsequent graduating class.

Harrison Company Award.—Kooman, Florida Chancery Pleading and Practice with Cumulative Pocket Supplement is offered by the Harrison Company to the senior law student doing all his work in this institution who makes the highest record during his law course.

Harrison Company First Year Award.—Adkins, Florida Criminal Procedure Act Annotated, with Supplement, is offered by the Harrison Company to the first year law student making the highest average in twenty-nine hours of law taken in this institution.

Interfraternity Debate Cup.—A silver loving cup is awarded to the fraternity winning the Intramural Debate Tournament. The cup becomes the permanent possession of the fraternity winning three years in succession.

Interfraternity Scholarship Cup.—A silver cup is awarded to the fraternity having the highest over-all scholastic average at the end of each year. The cup becomes the permanent possession of the fraternity winning three years in succession.

Interfraternity Sing Trophy.—A trophy is awarded to the fraternity winning the Christmas Carol Sing Contest held each year. The cup becomes the permanent possession of the fraternity winning three years in succession.

Jacksonville Chapter of the Society of Residential Appraisers—Plaque.—A plaque to be awarded annually in June for the best residential appraisal report submitted by a student majoring in Real Estate.

Law Week Award.—The Bureau of National Affairs offers the award of a year's complimentary subscription to *Law Week* to the student who, in the judgment of the faculty of the College of Law, has made the most scholastic progress in his senior year.

The James Miller Leake Medal.—This is a medal awarded annually for an essay in American History. The medal is given by the Gainesville Chapter of the Daughters of the American Revolution and named for the Head of the Department of History and Political Science of the University of Florida.

Lehn & Fink Medal.—The Lehn & Fink Products Corporation annually awards a gold medal to a graduate in the College of Pharmacy for excellency in courses in Pharmacy, Pharmacognosy and Pharmacology.

Haisley Lynch Medal.—The University is grateful to Mrs. L. C. Lynch of Gainesville for her gift of the Haisley Lynch Medal for the best essay in American History. This medal is awarded annually by her in loving memory of her son, Haisley Lynch, a former student of the University, who was killed in action in France during World War I.

Claude Pepper Award.—Recognition is given in an inscribed plaque to the student who has performed the best all-around service to a weekly newspaper in Florida and to the University; limited to student correspondents of Florida weekly newspapers. This award is offered through the cooperation of the School of Journalism and the Department of Publicity.

Phi Sigma Society Scholarship Award.—The Phi Sigma Society, national honorary biological society, awards each year a medal to the undergraduate or graduate student who is considered to have done the most outstanding research in one of the fields of the biological sciences. Research achievement and scholarship count equally.

David W. Ramsaur Medal.—Mrs. D. W. Ramsaur bequeathed to the University a trust fund, the income from which is to be used to purchase annually a gold medal in memory of her husband. It is awarded to that graduate of the College of Pharmacy making the highest honor point average.

Redfearn Prize.—For the past six years Hon. D. H. Redfearn of Miami has offered a prize of $50 for the best essay by a law student on some topic of legal reform. This prize will be continued in 1951-52.

Rho Chi Prize.—Iota Chapter of Rho Chi, honorary pharmaceutical society, annually gives a key to the junior pharmacy student who obtains the highest scholastic average during the sophomore year.

St. Petersburg Times Trophy.—A trophy is awarded by the St. Petersburg Times to the student who has performed the best all-around service to his newspaper and the University; limited to student correspondents of daily newspapers in Florida. This award is offered through the joint cooperation of the Department of Publicity and the School of Journalism.

Sigma Delta Chi Scholarship Key Award.—Sigma Delta Chi, professional journalistic fraternity, awards annually a key to ten per cent of the students graduating in journalism who have the highest scholastic average for the three years' academic work immediately preceding the year in which the nominees are candidates for degrees.

Sigma Tau Award.—The Upsilon Chapter of Sigma Tau awards annually a medal for scholastic ability to the sophomore in the College of Engineering who, during his freshman year, made the highest average in his scholastic work.

The State Department of Education Award.—Each year the State School Architect of the State Department of Education makes an award to the student in Architecture who attains the highest standard in the study of a problem in the field of School Architecture.

Tau Alpha Nu Award.—Tau Alpha Nu, honorary forestry fraternity, awards each year a one-year subscription to the Journal of Forestry to the University College student

who, upon entering the School of Forestry, has made the best scholastic and activity record in the University College.

The David Levy-Yulee Lectureship.—Under the provision of the will of Nannie Yulee Noble, a sum of money was bequeathed to the University of Florida, the income of which was to be used to bring outstanding speakers to the University to deliver lectures to the student body and faculty on the general topic "Honor and Service in Politics".

STUDENT REGULATIONS

For information relative to graduation, failure in studies, conduct, social activities, etc., the student should consult the *Bulletin of Student Regulations* and the sections of the Catalog containing regulations of the separate Colleges and Schools. Each student is held responsible for observance of the rules and regulations of the University insofar as they affect him. Some regulations and interpretations supplementing the *Bulletin of Student Regulations* are given here.

CREDITS

The term credit as used in this bulletin in reference to courses is equal to one semester hour.

DEGREES

The Board of Control will confer the degree appropriate to the course pursued under the following conditions:

1. *Curriculum requirements.*—Certification by the Registrar and the Dean of the college concerned that all requirements of the course of study as outlined in the college announcement, or its equivalent as determined by the faculty of the college offering the course have been completed.

2. *Recommendation of the faculty.*

3. *Residence requirements.*—(a) The minimum residence requirement for the baccalaureate degree is two regular semesters, or one regular semester and three summer terms, or five summer terms. New students offering advanced standing must meet this requirement after entrance to the University. Students who break their residence at the University by attending another institution for credit toward the degree must meet this requirement after re-entering the University. (b) For the master's degree two regular semesters or six summer terms are necessary to satisfy the residence requirements. (c) Students are required to complete the last thirty credit hours (twenty-eight in the College of Law) applied towards the baccalaureate degree during regular residence in the college from which the student is to be graduated. Exception to this regulation may be made only upon written petition approved by the faculty of the college concerned.

4. *Attendance at commencement.*—All candidates for degrees are required to be present at commencement exercises (Baccalaureate Sermon and Commencement Convocation). A student who fails to attend shall not have his degree conferred until he makes another application and complies with this requirement.

MAXIMUM AND MINIMUM LOAD

Some colleges have a maximum load regulation which is stated in the description of the college in this bulletin. In the absence of such statement the general University

regulation is followed. This regulation allows a maximum load of 17 hours for an average below C made during preceding term of attendance and 21 hours for an average above C during the preceding term of attendance. The minimum load is 12 hours.

GRADUATION WITH HONORS

Graduation with Honors is voted by the faculty concerned and is not automatically granted upon the achievement of any minimum average. Some colleges state the minimum average required for consideration by the faculty. Where no mention is made in the college section of this bulletin on the requirements for consideration the student is advised to consult the dean of the college for detailed information.

For graduation with High Honors the above statement applies, except that in most colleges some independent work or an examination or both are prerequisite for consideration by the faculty. The student should consult the dean of the college for further information.

AMOUNT OF EXTENSION WORK PERMITTED

No student will be allowed to take more than one fourth of the credits toward a degree by correspondence study and extension class work. Extension work to apply on the last thirty hours is authorized only by special action of the faculty of the college in which a student is registered. Such authorization must be obtained prior to enrollment in extension work. If authorization is given, no student is permitted to earn more than twelve of the last thirty-six hours in this manner. Under no circumstances will a student in residence be permitted to register for a correspondence course if that course is being offered in residence.

ATTENDANCE

If any student accumulates absences or fails to do class work to the extent that further enrollment in the class appears to be of little value to him and detrimental to the best interest of the class, it shall be the duty of the instructor to warn such student in writing that further absences or failure to do class work will cause him to be dropped from the course with a failing grade. Where possible this warning will be delivered personally; otherwise, it will be mailed to the student's last University address by the Registrar. Instructors shall immediately report all such warnings to the Course Chairman or Department Head.

Should any absences or failure to do class work be incurred after this warning, the student will be dropped from the course and be given a failing grade. Should he be dropped from more than one course his case will be considered by the Committee on Student Progress, who may rule that he be dropped from the University and his record marked "Suspended for Non-Attendance" or "Suspended for Unsatisfactory Work" as the case may be.

SUSPENSION FOR POOR SCHOLARSHIP

A person registered in one of the colleges or professional schools of the Upper Division who fails fifty per cent or more of his work in any term or semester will be suspended for one semester for poor scholarship and will not be readmitted to the University until the lapse of one semester, except upon approval of a formal petition by the Sub-Committee on Student Petitions of the University Senate. A student who has been suspended once and in any subsequent period of attendance fails fifty per cent or

more of his work shall be suspended for poor scholarship and not be eligible for readmission. In administering the above regulation, in no case shall failure in one course only cause a student to be dropped.

Students registered in the University College will have their records reviewed by a Committee on Student Progress at the end of each period of attendance. In general the committee will be guided by the following policy. The student in the Lower Division who has been in attendance one semester or the equivalent (a nine-week summer term is considered the equivalent of a semester) and in any subsequent period of attendance fails fifty per cent or more of his work will be suspended for one semester for poor scholarship and will not be eligible for readmission until the lapse of one semester, except on approval of a formal petition by the Sub-Committee of the University Senate. A student who has been dropped once and in any subsequent period of attendance fails fifty per cent or more of his work shall be suspended for poor scholarship and will not be eligible for readmission. In administering the above regulation, in no case, however, shall failure in one course only cause a student to be dropped.

COMPREHENSIVE EXAMINATIONS

The comprehensive course examinations (of which the student must successfully pass six or more to complete the program of the University College) are administered by the Board of University Examiners and are given in January, May, and August of each year. A student must be familiar with the work of the various courses and be able to think in the several fields in a comprehensive way in order to pass these examinations. Standings on the comprehensive examinations are issued by the Board of Examiners and are not subject to change by any other agency.

APPLICATIONS FOR COMPREHENSIVE EXAMINATIONS

University College students who are enrolled in a course at the time the examination is given need not make application for it. University College students who are not enrolled in a course at the time an examination is given and who wish to take the comprehensive examination must apply in writing to the Board of Examiners for permission prior to the last date set for filing such applications. Applications will not be accepted from students registered in the colleges of the Upper Division. Before the application is accepted the applicant will be required to furnish the Board of Examiners with proof that this privilege has not been used to avoid the payment of usual University fees. Applications will be accepted only for those examinations which are administered by the Board of Examiners. The Board of Examiners is the only agency authorized to give University College students examinations by application.

Should a student fail a comprehensive course examination, he may qualify to repeat the examination by repeating the course or by further independent study. Evidence of additional preparation must be submitted to the Board of Examiners with the formal application to repeat the examination.

PAYMENT OF ACCOUNTS

No student who owes money to the University of Florida other than an approved non-delinquent loan account shall be permitted to re-register at the University, or to receive credit for work completed, or to receive a transcript of grades, until satisfactory arrangements for the liquidation of his indebtedness have been made with the University Business Office.

THE LOWER DIVISION

THE UNIVERSITY COLLEGE

INTRODUCTORY STATEMENT

In a reorganization at the University of Florida in 1935, all freshmen and sophomores were placed in one college. The University College administers all the work of the Lower Division, which includes the preprofessional work for the Upper Division Schools and colleges and a core program of basic education for all students. In 1944 the American Council on Education defined this program: "General education refers to those phases of nonspecialized and nonvocational education that should be the common denominator, so to speak, of educated persons. . . . the type of education which the majority of our people must have if they are to be good citizens, parents, and workers." During his freshman and sophomore years at the University, a student's time is about evenly divided between these objectives of general education and those of preprofessional or professional preparation.

While fully accepting its responsibility toward the professional training of her students who remain four years or longer and earn degrees, the University of Florida as a state institution also accepts its civic responsibility to help those who spend only one or two years at the University. These students—more than two-thirds of all enrolled—are not "failures" because they do not continue and earn degrees, and they probably deserve more from the state university than an odd assortment of only "introductory courses." Consequently at the University of Florida a group of comprehensive courses have been worked out to give some unity and meaning to a beginner's program. These comprehensive courses that make up the core program are:

1. *American Institutions* (known hereafter as C-1)
2. *The Physical Sciences* (C-2)
3. *Reading, Speaking, and Writing*: Freshman English (C-3)
4. *Practical Logic*: Straight Thinking (C-41)
   Fundamental Mathematics (C-42)
5. *The Humanities* (C-5)
6. *Biological Science* (C-6)

GUIDANCE

If a freshman is still undecided about his life's work, he is not urged to guess on registration day. His program may be made up largely from the comprehensives which help him direct his thinking toward a desirable objective, together with approved electives that may further enable him to explore interests and needs. But whether the student is decided or undecided about his life's work, these comprehensive courses provide basic preparation that every educated person should have.

Thus since the purpose of general education is to replace fragmentation, the program absorbs much of the responsibility for guidance. Every subject or course of the University College program is designed to *guide* the student. During the time that he is making tentative steps toward a profession by taking special subjects to test aptitudes, interests, and ability, he is also studying the several great areas of human understanding and achievement. The work in the University College presents materials which are directly related to life experiences and which will immediately become a part of the student's thinking to guide him to making correct *next steps*. Thus the whole program

—placement tests, progress reports, vocational aptitude tests, basic vocational materials, selected material in the comprehensive courses, student conferences, adjustments for individual differences, election privileges, and comprehensive examinations—all are parts of a plan designed to *guide* students.

UPPER DIVISION COOPERATION

While the necessary correlation and unification is attempted at the University College Office, throughout the University College period students consult Upper Division deans and department heads to discuss future work. During the last month of each school semester these informal conferences are supplemented by a scheduled formal conference at which each student fills out a pre-registration card for his prospective Upper Division work.

UNIVERSITY COLLEGE COUNSELLORS

The University College Counsellors do not assume the responsibility that every student himself must take, but they help in every way possible as he assumes a greater and greater share of responsibility in his University education. The counsellors are located in the University College Office.

Every spring the university is privileged to give placement tests to all seniors in every high school of the state. Since many high schools are also trying to acquaint the student with the common body of knowledge so needed by all, their records along with the placement test results indicate the variation that may be made in the general program.

A student who has had three or four years of preparatory school study in any one of the subject areas of the comprehensive courses, and his placement tests or progress tests indicate superior knowledge and understanding at this level may consult one of the counsellors for subsequent needed program adjustment.

THE ASSOCIATE OF ARTS CERTIFICATE

The Associate of Arts Certificate is awarded in recognition of the successful completion of two years of planned work. Specifically, one must pass at least sixty-four semester hours including pre-professional work and the comprehensive courses that make up the core program.

PROGRAMS OF STUDY

NORMAL PROGRAM

Freshman Year	Hours
1.—American Institutions	8
2.—The Physical Sciences	6
*3.—Reading, Speaking and Writing—Freshman English	8
4.—Logic and Mathematics	6
5.—Departmental Electives	2-6
Military Science; Physical Fitness	2
	30-34

Sophomore Year	Hours
1.—The Humanities	8
2.—Biological Science	6
3.—Departmental Electives	16-20
Military Science; Physical Fitness	2
	30-34

At least sixty-four semester hours, which may include four hours of Military Science, are required to complete the Lower Division.

*Foreign students whose knowledge of English is not equivalent to that normally required of freshmen should take EH. 121.—English for Foreign Students.

PRE-MEDICAL OR PRE-DENTAL STUDENTS

Freshman Year

1.—American Institutions
2.—General Chemistry
3.—Reading, Speaking and Writing—
Freshman English
4.—Biological Science
5.—General Animal Biology (Laboratory)
Military Science; Physical Fitness

Sophomore Year

1.—The Humanities
2.—Organic Chemistry
3.—General Physics
4.—French or German
Military Science; Physical Fitness

(Medical schools the country over require a minimum of three academic years of pre-medical college work—90 semester hours. The additional year, or years, may be completed in the Upper Division College of Arts and Sciences.)

AGRICULTURE

The program for freshmen and sophomores expecting to earn a degree in the College of Agriculture should be:

a) For students intending to major in Agricultural Economics, Agricultural Education, General Agriculture, and Horticulture (Ornamental and Floriculture programs)—

Freshman Year	Hours
1.—C-1, American Institutions	8
2.—C-6, Biological Science, or BTY. 101-102	6-12
3.—C-3, Reading, Speaking and Writing: Freshman English	8
4.—Electives in Agriculture or Basic Sciences	6-12
5.—Military Science; Physical Fitness	2
	30-36

Sophomore Year	Hours
1.—ACY. 125-126, Agricultural Chemistry	8
2.—C-4, Logic and Mathematics	6
3.—C-5, The Humanities	8
4.—Electives in Agriculture or Basic Sciences	6-12
5.—Military Science; Physical Fitness	2
	30-36

b) For students intending to major in Agricultural Engineering, Agronomy, Animal Husbandry, Bacteriology, Botany, Dairy Husbandry, Dairy Manufactures, Horticulture (Fruit and Vegetable programs), Plant Pathology, Poultry Husbandry, and Soils—

Freshman Year	Hours
1.—C-6, Biological Science, and/or BTY. 101-102	6-12
2.—C-3, Reading, Speaking and Writing: Freshman English	8
3.—CY. 101-102, General Chemistry	8
4.—Electives in Agriculture or Basic Sciences	0- 6
5.—Military Science; Physical Fitness	2
	30-36

Sophomore Year	Hours
1.—C-1, American Institutions	8
2.—C-4, Logic and Mathematics	6
3.—C-5, The Humanities	8
4.—Electives in Agriculture or Basic Sciences	6-12
5.—Military Science; Physical Fitness	2
	30-36

c) For students intending to major in Agricultural Chemistry—

Freshman Year	Hours
1.—C-1, American Institutions	8
2.—C-3, Reading, Speaking and Writing: Freshman English	8
3.—*MS. 105-106, Basic Mathematics	8
4.—**CY. 105-106, General Chemistry and Qualitative Analysis	8
5.—Military Science; Physical Fitness	2
	34

Sophomore Year	Hours
1.—C-5, The Humanities	8
2.—C-6, Biological Science	6
3.—C-41, Practical Logic	3
4.—EH. 133, Effective Writing	3
5.—CY. 205, Introductory Quantitative Analysis	4
6.—Approved Electives	6
7.—Military Science; Physical Fitness	2
	32

*Students not qualified for MS. 105-106 will take C-42 and 3 hours of electives during the freshman year and MS. 105-106 in the sophomore year. These students will take CY. 205 in the Upper Division.

**Students not qualified for CY. 105-106 will take CY. 101-102 in the freshman year and CY. 203 in the sophomore year.

Some variations from these programs are desirable in the different curricula of the College. The curriculum of the department in which the student intends to major should be consulted for these details. Students planning to major in Entomology should consult with the department head regarding which of the above programs to follow. Students planning to major in Animal Husbandry or Dairy Husbandry are required to take BLY. 161-162 as corequisites with C-6. At least 64 academic hours which may include 4 hours of Military Science are required to complete the Lower Division; additional approved electives taken during the first two years may reduce the number of hours required for an Upper Division degree.

For desirable electives in Agriculture, students should consult the head of the department in which they intend to major. These electives during the first two years should be distributed so as to give some acquaintance with the different phases of Agriculture, and are limited to a single course in any one department. It is required that all students graduating in Agriculture take at least one course in each of the following departments: Agricultural Economics, Agricultural Engineering, Agronomy, Entomology, Horticulture, Soils, and one of the following: Animal Husbandry, Dairy Husbandry, or Poultry Husbandry. Courses suitable for election in the freshman year are AG. 306, AL. 309, AY. 221, DY. 211, EY. 201, EY. 203, FY. 313, and PY. 201. In the sophomore year these may also be elected, and in addition the following: AG. 301, AS. 201, AS. 306, AY. 324, CL. 223, HE. 201, PT. 321, SLS. 301, and SLS. 302.

FORESTRY

The program for freshmen and sophomores planning to earn a degree in the School of Forestry should be:

Freshman Year	Hours
1.—C-1 American Institutions	8
2.—BTY. 101-2	6
3.—MS. 105 and C-41	7
4.—C-3, Reading, Speaking & Writing	8
5.—Military Science:	2
Physical Fitness	0
	31

Sophomore Year	Hours
1.—ACY. 125-6 Agric Chem or CY. 101-2 General Chem	8
2.—C-5 The Humanities	8
3.—CL. 223 Surveying	3
4.—FY. 220, FY. 226, & FY. 228	8
5.—Electives (from list below)	4
6.—Military Science:	2
Physical Fitness	0
	33

Electives: ES. 203, ES. 205, EH. 135, GPY. 203.

The above is designed for students who have had three or more years of science and mathematics in preparatory school, and whose standing on placement tests show adequate preparation for science work. This means that some students should take C-6 before taking BTY. 101-2 and C-42 before taking MS. 105.

Students interested in a major in Wildlife Management should add FY. 227 and BLY. 161-2 among electives.

ARCHITECTURE AND ALLIED ARTS

The program for freshmen and sophomores who plan to earn a degree in the College of Architecture and Allied Arts is as follows:

Freshman Year	Hours
1.—American Institutions	8
2.—The Physical Sciences	6
3.—Reading, Speaking and Writing—Freshman English	8
*4.—Logic and Mathematics	6
5.—Departmental Electives as listed below	0-6
Military Science; Physical Fitness	2
	30-36

Sophomore Year	Hours
1.—The Humanities	8
2.—Biological Science	6
3.—Departmental Electives as listed below	14-20
Military Science; Physical Fitness	2
	30-36

*Students who are exempt from C-4 should elect PPY. 310.—Advanced Logic, and MS. 325—Advanced General Mathematics.

Departmental Electives

Architecture or Building Construction.—Freshmen and sophomores who plan to earn a degree in Architecture or in Building Construction should elect the following courses as part of their basic program:

AE. 101—The Arts of Design, 3 credits (Freshman or sophomore year)
AE. 102—Vision and Graphics, 3 credits (Freshman or sophomore year)
AE. 203.—Basic Design, 3 credits (Sophomore year)
AE. 204—Organic Planning, 3 credits (Sophomore year)
AE. 205-206.—Building Technology, 4-4 credits (Sophomore year)

Landscape Architecture.—Freshmen or sophomores who plan to earn a degree in Landscape Architecture should elect the following courses as part of their basic program:

AE. 101.—The Arts of Design, 3 credits (Freshman year)
AE. 102.—Vision and Graphics, 3 credits (Freshman year)
ACY. 125.—Agricultural Chemistry, 4 credits (Sophomore year, first semester)
AE. 203.—Basic Design, 3 credits (Sophomore year, first semester)
BTY. 303.—General Botany, 3 credits (Sophomore year, first semester)
AE. 204.—Organic Planning, 3 credits (Sophomore year, second semester)
AE. 205.—Building Technology, 4 credits (Sophomore year, second semester)
SLS. 301.—Soils, 3 credits (Sophomore year, second semester)

Painting and Drawing, Commercial Art, or Crafts.—Freshmen and sophomores who plan to earn a degree in Painting and Drawing, in Commercial Art, or in Crafts should elect the following courses as part of their basic program:

ART 121.—The Visual Arts, 3 credits (Freshman or sophomore years)
ART 122.—Materials and Spatial Design, 3 credits (Freshman or sophomore year)
ART 223.—Color and Design, 3 credits (Sophomore year)
ART 224.—Drawing and Visual Perception, 3 credits (Sophomore year)
ART 225.—Scientific Contributions to Art, 3 credits (Sophomore year)
ART 226.—Pictorial Composition, 3 credits (Sophomore year)

Interior Design.—Freshmen and sophomores who plan to earn a degree in Interior Design should elect the following courses as part of their basic program:

ART 121.—The Visual Arts, 3 credits (Freshman or sophomore year)
ART 122.—Materials and Spatial Design, 3 credits (Freshman or sophomore year)
ART 225.—Scientific Contributions to Art, 3 credits (Sophomore year)
AE. 102.—Vision and Graphics, 3 credits (Sophomore year)
AE. 203.—Basic Design, 3 credits (Sophomore year)
AE. 205.—Building Technology, 3 credits (Sophomore year)

Departmental electives in Landscape Architecture should be begun during the freshman year. In all other cases, departmental electives may be begun during the freshman year or postponed until the sophomore year without loss of time.

Students who upon entering the University are undecided as to a particular field in the College of Architecture and Allied Arts, may take either of two orientation courses during the first semester of their freshman year: AE. 101.—The Arts of Design, or ART 121.—The Visual Arts. At the beginning of the second semester, those students who plan to earn a degree in Architecture, Building Construction, or Landscape Architecture should take AE. 102.—Vision and Graphics. Those who plan to earn a degree in Painting and Drawing, Commercial Art, Interior Design, or Crafts, should take ART 122.—Materials and Spatial Design. The appropriate elective courses for the sophomore year for the various fields of study are listed above under Departmental Electives.

ARTS AND SCIENCES

Basic Program: Ordinarily students planning to earn a degree in the College of Arts and Sciences should take the following basic program:

Freshman Year	Hours
1. American Institutions	8
2. Physical Sciences	6
3. Reading, Speaking and Writing—Freshman English	8
4. Logic and Mathematics	6
5. *Electives	2-6
6. Military; Physical Fitness	2

Sophomore Year	Hours
1. Humanities	8
2. Biological Sciences	6
3. *Electives	16-20
4. Military; Physical Fitness	2

*Degree requirements in the College of Arts and Sciences include a foreign language requirement. Detailed information concerning this requirement will be found in the section of this Catalog entitled *College of Arts and Sciences.* If possible students should begin their study of foreign language during their freshman year.

Other electives in the first two years should include the basic courses in the area of specialization in which the student plans to concentrate and necessary courses in Upper Division Colleges other than the College of Arts and Sciences. Students wishing assistance in planning this elective program should call at the Office of the Dean of the College of Arts and Sciences for referral to the appropriate adviser.

Degree of Bachelor of Science in Chemistry: The College of Arts and Sciences does not offer a departmental major in the field of chemistry. For students who wish to make chemistry their vocation the special degree of Bachelor of Science in Chemistry is offered. Superior students may elect the first two years of this curriculum in the University College as follows:

Freshman Year	Hours
1. American Institutions	8
2. Reading, Speaking and Writing—Freshman English	8
3. CY. 105-106	8
4. MS. 105-106	8
5. Military; Physical Fitness	2

Sophomore Year	Hours
1. Humanities	8
2. Biological Sciences	6
3. CY. 205-206	8
4. MS. 353-354	8
5. PS. 205, 207 and 206, 208	8
6. Military; Physical Fitness	2

It will be necessary for certain students to take part of this program in the Summer Session. Adviser: Dr. L. R. Phillips.

American Area Studies Program:

Freshman Year	Hours
1. American Institutions	8
2. Physical Sciences	6
3. Reading, Speaking and Writing—Freshman English	8
4. Logic and Mathematics	6
5. Foreign Language	6
6. Military; Physical Fitness	2

Sophomore Year	Hours
1. Humanities	8
2. Biological Sciences	6
3. HY. 323-325	6
4. EH. 217-218	6
5. Foreign Language	6
6. Military; Physical Fitness	2

Adviser: Dr. Harry R. Warfel.

Latin American Area Studies:

Freshman Year	Hours
1. American Institutions	8
2. Physical Sciences	6
3. Reading, Speaking and Writing—Freshman English	8
4. Logic and Mathematics	6
5. Spanish	6
6. Military; Physical Fitness	2

Sophomore Year	Hours
1. Humanities	8
2. Biological Sciences	6
3. HY. 323-325 or HY. 245-246	6
4. ES. 205-206	6
5. Spanish	6
6. Military; Physical Fitness	2

Adviser: Dr. F. C. Hayes.

Curriculum in Social Administration: Students preparing for this curriculum in the University College should follow the basic program for Arts and Sciences students as outlined above. University College electives should be selected from the following courses: ATG. 211-212, ES. 203, ES. 205-206, HY. 241, PCL. 301, PSY. 201, SY. 241

and SCH. 241. Interested students are referred to a more detailed description of this program in the College of Arts and Sciences section of this catalog. Adviser: Dr. J. M. Maclachlan.

Foreign Service Training Program: Students preparing for United States Department of State examinations for the position of Foreign Service Officer should follow the basic program for Arts and Sciences students as outlined above during their first two years. Electives in the University College should include at least one foreign language. For more complete information the student is referred to the description of this program in the College of Arts and Sciences section of this catalog. Adviser: Dr. F. H. Hartman.

BUSINESS ADMINISTRATION

To enter the College of Business Administration and to register for a Curriculum in Business Administration Proper, for the Curriculum in Combination with Law, or for the Curriculum in Public Administration, students are required to complete the curriculum below or the equivalent thereof in each of the courses or areas of knowledge listed including the following:

ES. 205-206.—Economic Foundations of Modern Life
ATG. 211-212.—Elementary Accounting
ES. 203.—Elementary Statistics
MS. 208.—Business Mathematics

Freshman Year

First Semester	Hours	Second Semester	Hours
1.—American Institutions	4	1.—American Institutions	4
*2.—The Physical Sciences	3	*2.—The Physical Sciences	3
*3.—Logic or Mathematics	3	*3.—Mathematics or Logic	3
4.—Reading, Speaking and Writing—Freshman English	4	4.—Reading, Speaking and Writing—Freshman English	4
5.—Approved Electives	3	5.—Approved Electives	3
Military Science; Physical Fitness	1	Military Science; Physical Fitness	1
	15-18		15-18

Sophomore Year

1.—Accounting	3	1.—Accounting	3
2.—Economics	3	2.—Economics	3
3.—The Humanities	4	3.—The Humanities	4
4.—Biological Science	3	4.—Biological Science	3
5.—Statistics or MS. 208	3-4	5.—MS. 208 or Statistics	3-4
Military Science; Physical Fitness	1	Military Science; Physical Fitness	1
	17-18		17-18

*A student who has had three or more years of mathematics and science in preparatory school and whose standings on the placement tests indicate superior knowledge and understanding at these levels may substitute one of the introductory basic sciences for the general Physical Science course (C-2) and Basic Mathematics for Logic and Fundamental Mathematics.

At least sixty-four semester hours, which may include four hours of Military Science, are required to complete the Lower Division.

COURSES OFFERED BY THE COLLEGE OF BUSINESS ADMINISTRATION AVAILABLE TO STUDENTS IN THE UNIVERSITY COLLEGE

The following courses offered by the College of Business Administration may be taken by students in the University College: ATG. 214, Federal Income Taxes for Individuals; BS. 101, Introduction to Business; BS. 204, Business Ethics; BS. 231, Principles of Marketing; BS. 233, Salesmanship; BS. 271, Industrial Management; ES. 203, Elementary Statistics; ES. 205-206, Economic Foundations of Modern Life; ES. 208, Economic History of the United States; ES. 210, Machine Technology in American Life; ES. 246, The Consumption of Wealth; ES. 296, Industry and Trade of Latin America; RE. 291, Real Estate Fundamentals; and RE. 295, Housing and Home Ownership.

It is anticipated that some students who do not plan a four-year program will elect to take many of these courses or to arrange a program of two years or less in length in which many of these courses would be included. Also some students not headed for the College of Business Administration may wish to elect one or more of these courses for one reason or another.

Other related courses available to students in the University College are BEN. 81, Introductory Typewriting; BEN. 91, Introductory Shorthand; BEN. 94, Stenography; and BEN. 298, Office Practice and Management.

EDUCATION

University College students working toward a degree in the College of Education should pursue one of the following programs:

Basic Program

(Except Agricultural Education and Education for the Exceptional Child)

Freshman Year	Credits
1.—American Institutions	8
2.—The Physical Sciences	6
3.—Reading, Speaking and Writing—Freshman English	8
4.—Logic or Mathematics	3
5.—Military Science or Electives	2
6.—Electives (from list below)	6-8
7.—Physical Fitness	0
	33-35

Sophomore Year	Credits
1.—The Humanities	8
2.—Biological Science	6
3.—Logic or Mathematics	3
4.—Military Science or Electives	2
5.—Electives (from list below)	12
6.—Physical Fitness	0
	31

Electives:

Elementary Education: EN. 105-106; English 6 hours; PHA. 361; SCL. 205-206.
*Secondary Education: EN. 105-106; SCL. 205-206.
*Business Education: BEN. 81, 91, 181; EN. 105-106; ES. 205-206; SCL. 205.
*Industrial Arts Education: EN. 105-106; IN. 101-102, 103-104.

*Five hours in the Human Adjustment area, other than C-41, are required. These electives may be taken either in the University College or in the College of Education.

BASIC PROGRAM FOR AGRICULTURAL EDUCATION

Freshman Year	Credits
1.—C-1, American Institutions	8
2.—C-3, Reading, Speaking and Writing—Freshman English	8
3.—C-6, Biological Science	6
4.—AL. 309, General Animal Husbandry	4
5.—AY. 321, General Field Crops	3
6.—Military Science; Physical Fitness	2
	31

Sophomore Year	Credits
1.—C-41, Practical Logic	3
2.—C-42, Fundamentals of Mathematics	3
3.—C-5, The Humanities	8
4.—BTY. 303-304, General Botany	6
5.—ACY. 125-126, Agricultural Chemistry	8
6.—AG. 306, Farm Machinery	3
7.—Military Science; Physical Fitness	2
	33

BASIC CURRICULUM FOR TEACHERS OF THE EXCEPTIONAL CHILD

Freshman Year

First Semester

Courses	Credit
C-11—American Institutions	4
C-21—The Physical Sciences	3
C-31—Reading, Speaking, and Writing—Freshman English	4
EN. 105—Aspects of Human Growth and Development	3
*MSC. 160—Music Skills	3
Military Science or Elective	1
Physical Fitness	0
	18

Second Semester

Courses	Credit
C-12—American Institutions	4
C-22—The Physical Sciences	3
C-32—Reading, Speaking, and Writing—Freshman English	4
EN. 106.—Aspects of Human Growth and Development	3
C-41—Practical Logic	3
Military Science or Elective	1
Physical Fitness	0
	18

Sophomore Year

First Semester

Courses	Credit
C-51—The Humanities	4
C-61—Biological Sciences	3
C-42—Fundamental Mathematics	3
SCH. 241—Effective Speaking	3
SCL. 205—Children and Culture	3
Military Science or Elective	1
Physical Fitness	0
	17

Second Semester

Courses	Credit
C-52—The Humanities	4
C-62—Biological Sciences	3
PSY. 201—General Psychology	3
PHA. 361—The Elementary School Health Program	3
SCL. 206—Children and Culture	3
Military Science or Elective	1
Physical Fitness	0
	17

*To be taken if the student cannot pass the skills test.

ENGINEERING

The program for freshmen and sophomores expecting to earn a degree in the College of Engineering is as follows:

Freshman Year

1.—American Institutions
*2.—CY. 105-106
3.—Reading, Speaking and Writing—Freshman English
*4.—MS. 105-106
5.—ML. 181-182* and Departmental Prerequisites (from list below)
6.—Military Science and Physical Education

Sophomore Year

1.—The Humanities
2.—MS. 353-354
3.—PS. 205, 207 and PS. 206, 208
4.—Departmental Prerequisites (from list below)
5.—Military Science and Physical Education

*Both CY. 105-106 and MS. 105-106 are required, but students who are not in the upper percentile group must take C-2 and C-42 first.

Students who are not qualified to take CY. 105-106 and MS. 105-106 in the freshman year cannot graduate in four years unless they attend Summer School.

**Drawing equipment required for ML. 181 costs approximately thirty dollars.

***Prospective Civil Engineers (Public Health) will elect C-61 instead of ML. 182.

Departmental prerequisites in sequence are as follows:

Aeronautical Engineering: ML. 282, ML. 281, EM. 365

Agricultural Engineering: AG. 306, GY. 203, AL. 211, EM. 365

Chemical Engineering: CY. 205, CG. 347

Civil Engineering (General): CL. 223, CL. 226, EM. 365

Civil Engineering (Public Health): C-61, BLY. 161, CY. 205, EM. 365

Electrical Engineering: ML. 282, EL. 211, EM. 365

Industrial Engineering: ML. 282, EM. 365

Mechanical Engineering: ML. 282, ML. 281, CG. 361

The student should make every effort to complete these courses before entering the Upper Division, although he may in some instances, be permitted to enroll in the Upper Division on probation until he completes them.

Students whose records in the University College do not indicate that they are qualified to take the professional courses in Engineering will not be admitted to the College of Engineering.

SCHOOL OF JOURNALISM

The student who plans to earn the degree of Bachelor of Science in Journalism has the following basic program:

Freshman Year	Hours
1. American Institutions	8
2. *Physical Sciences	6
3. Reading, Speaking and Writing—Freshman English	8
4. *Logic and Mathematics	6
5. Military Science	2
6. Physical Fitness	0
	30

Sophomore Year	Hours
1. The Humanities	8
2. Biological Sciences	6
3. JM. 214, JM. 216	4
4. ES. 205, ES. 206	6
5. HY. 241	4
6. PSY. 201	3
7. SCH. 222 (Radio news sequence only)	2
8. Military Science	2
9. Physical Fitness	0
	33-35

*A student who has had three or more years of mathematics and science in preparatory school and whose standings on the placement tests indicate superior knowledge and understanding at these levels may substitute Geography (GPY. 203-4), Chemistry or Physics for the Physical Sciences and Basic Mathematics for Logic and Fundamental Mathematics.

At least sixty-four semester hours, which may include four hours Military Science, are required to complete the Lower Division.

LAW

Applicants for admission to the College of Law must have received a degree in Arts or Sciences in an accredited college or university except as stated in the description of the College of Law in this Catalog.

Although no particular courses are prerequisites, a student preparing for admission to the College of Law should obtain a thorough mastery of the basic comprehensive courses and also should take at least two courses in each of the following general fields: Accounting, Economics, English, History (American and English), and Political Science. Words being the tools of the legal profession, it is essential that a student be able to read rapidly and meaningfully and to write clearly and concisely; therefore courses requiring the rapid assimilation and digestion of written materials and courses in expository writing are recommended.

PHARMACY

In keeping with the requirement of the American Council on Pharmaceutical Education all students expecting to earn the degree of B.S. in Pharmacy must be enrolled in one or more Pharmacy courses for a minimum of three academic years or a total of twenty-seven months. This regulation applies regardless of the number of studies completed in other fields. Upon enrolling in Pharmacy courses for the first time students must sign the register in the office of the Dean of the College of Pharmacy. The recommended program for freshmen and sophomores is as follows:

Freshman Year	Hours
1.—C-1, American Institutions	8
2.—C-2, The Physical Sciences	6
3.—C-3, Reading, Speaking & Writing—Freshman English	8
4.—C-41, Practical Logic	3
5.—C-42, Fundamentals of Mathematics	3
Military Science; Physical Fitness	2
	30

Sophomore Year	Hours
1.—C-5, The Humanities	8
2.—C-6, Biological Science	6
3.—CY. 101-102, General Chemistry	8
4.—PHY. 223-224, Galenical Pharmacy	6
5.—PGY. 221-222, Practical Pharmacognosy	6
Military Science; Physical Fitness	2
	36

Only students having an average of C or higher will be admitted to the College of Pharmacy and/or pharmacy courses in the Upper Division. In addition, students must have grades of C or higher in C-42, CY. 101-102, PGY. 221-222, PHY. 223-224.

PHYSICAL EDUCATION, HEALTH AND ATHLETICS

The program for freshmen and sophomores expecting to earn a degree in the College of Physical Education, Health and Athletics is as follows:

Freshman Year	Sophomore Year
1.—American Institutions	1.—The Humanities
2.—Reading, Speaking and Writing	*2.—The Physical Sciences
3.—Logic and Mathematics	3.—Departmental Electives as listed below
4.—Biological Science	4.—Military Science and Physical Fitness
5.—Departmental Electives as listed below	
6.—Military Science and Physical Fitness	

*Students planning to major in Health Education must take CY. 101-102. Students whose high school records and placement tests indicate satisfactory preparation may substitute CY. 101-102 for C-21-22. Others should take C-21, upon satisfactory completion of which they may enter CY. 101.

Departmental electives in sequence are as follows:

Physical Education for Men:

First Semester: PHA. 151 or 171; PHA. 142 or 141; PHA. 144 or 143.
Second Semester: PHA. 171 or 151; PHA. 141 or 142; PHA. 143 or 144.
Third Semester: PHA. 261 or SCL. 205 or EN. 385; PHA. 242 or 245.
Fourth Semester: PHA. 132 or 231; PHA. 245 or 242.

Physical Education for Women:

First Semester: PHA. 151 or 171; PHA. 247 or 248; PHA. 142 and/or 144 or 261.
Second Semester: PHA. 171 or 151; PHA. 248 or 247; PHA. 144 and/or 142 or 261.
Third Semester: SCL. 205 or EN. 385; PHA. 261 or 141 and/or 241 and/or 244; PHA. 271 or 242.
Fourth Semester: EN. 385 or SCL. 205; PHA. 141 or 241 or 244; PHA. 242 or 271.

Health Education:

First Semester: PHA. 151 or 264; PHA. 261 or EN. 385.
Second Semester: PHA. 264 or 151; EN. 385 or PHA. 261.
Third Semester: SCL. 205 or PHA. 315; PHA. 262 or SY. 344; CY. 101.
Fourth Semester: PHA. 315 or SCL. 205; SY. 344 or PHA. 262; CY. 102.

Recreation:

PHA. 151, 171, 242, 261; SY. 241; SCH. 241; MSC. 162.

THE UPPER DIVISION

COLLEGE OF AGRICULTURE

Organization

The College of Agriculture is composed of three units, namely, 1. Instruction, 2. Research (Agricultural Experiment Station), and 3. Extension (Agricultural Extension Service). The Instructional Division (The College proper) is made up of departments in the College devoted to the various phases of technical and practical agricultural work. The work of these departments is closely related, and the aim of the College is to afford students the best possible training for service in agriculture.

The departments in the College are: Agricultural Chemistry, (administered jointly with the College of Arts and Sciences), Agricultural Economics, Agricultural Engineering, Agricultural Education (administered jointly with the College of Education), Agronomy, Animal Husbandry, Botany, Dairying, Entomology, Horticulture, Poultry Husbandry, Soils, and Veterinary Science.

Requirements for Admission

To enter the College of Agriculture students are required to present a certificate of graduation from the University College, or its equivalent in credits from other institutions. Students should have completed the course indicated in the program for freshman and sophomore years in the University College. Curricula of the various departments of the College of Agriculture should be referred to for some special requirements.

Degrees and Curricula

The degree Bachelor of Science in Agriculture is awarded to students who complete 68 hours of work in the Upper Division, fulfilling the requirements of one of the several curricula in Agriculture. The following curricula in agriculture are offered:

- Agricultural Chemistry
- Agricultural Economics
- Agricultural Education
- Agricultural Engineering
- Agronomy
  - Agronomy
  - General Agriculture
- Animal Husbandry
- Botany
  - Bacteriology
  - Botany
  - Plant Pathology
- Dairying
  - Dairy Husbandry
  - Dairy Manufactures
- Entomology
- Horticulture
  - Fruit Production
  - Vegetable Production
  - Floriculture
  - Ornamental Horticulture
- Poultry Husbandry
- Soils
  - Soil Fertility and Management
  - Soil Chemistry and Microbiology
  - Soil Surveying
- Veterinary Science

These curricula offer the student opportunity for study along many lines of agriculture. They are so arranged as to permit the student to go into that branch for which he has special ability, and will prepare him to meet the problems which arise in that field. The great practical value of these curricula is shown by those who have completed them and have gone back to the farm, grove or ranch, and also by those who, upon graduation, have gone into the agricultural industries and professions.

In addition to laboratory work at the College, field trips and travel courses are arranged so that students have an opportunity to visit various commercial enterprises throughout the state. Visits to farms, groves, ranches, packing houses, processing plants,

stock shows, markets, phosphate plants, fertilizer factories and other agricultural industries have proved to be particularly valuable when made by students in company with professors from the College.

A minimum of 20 semester hours is required for a major in any department. The head of the department in which a student majors (or his appointee) will act as the student's adviser, assist the student in arranging his course of study, and make necessary recommendations to the Dean. The student's courses for each semester are subject to the approval of the Dean and the department head.

If a student anticipates pursuing graduate work, he will find it helpful to elect as many basic courses as possible, such as chemistry, biology, mathematics, botany, physics, economics, and a language. If he does not expect to take up graduate study, he will find it profitable to elect as much technical agriculture as possible in departments related to his major work.

It is required that all students graduating in Agriculture take at least one course in each of the following departments: Agricultural Economics, Agricultural Engineering, Agronomy, Entomology, Horticulture, Soils and one of the fields of animal production.

The Department of Veterinary Science offers service courses, but no curriculum leading to a degree. Students interested in a degree in this field should consult with the head of this department regarding courses which are acceptable substitutes for requirements in certain schools of veterinary medicine.

Credit for Practical Work

By previous arrangement with the head of the department and the Dean, students may, during their course of study, do practical work under competent supervision in any recognized agricultural or related pursuit, and upon returning to the College and rendering a satisfactory written report showing faithful service, will be entitled to one credit for each month of such work. Such credits may not total more than three. Practical work is especially important for students who have no farm experience. Even though they cannot procure employment under such competent supervision as will give college credit, they should secure work along the line in which they are majoring. Faculty members will assist as much as possible in securing such vacation employment.

Practical Training for Positions in the Citrus Industry

Under an arrangement with the Citrus Experiment Station, Lake Alfred, a limited number of graduates are enabled to obtain practical training for positions in the citrus industry. Applicants accepted for this additional training serve for nominal compensation as laboratory and field assistants at the Station, and are accepted upon the basis of their ability, training, and adaptability for the work. The program of training includes work in the fields of production and of processing, and ordinarily is for a period of two years in either field.

In the field of production, each trainee serves for approximately six months in each of four phases of the work, namely, soils and biochemistry, entomology, pathology, and fruit handling. In the field of processing there are likewise four phases of work, namely, bacteriological control work, chemical control work, mechanical operation, and by-products.

Since this program is to provide practical training, it is considered supplementary to the regular undergraduate citrus curriculum. Consequently no college credit is as-

signed, but upon recommendation of the Vice-Director of the Station and of the Dean of the College of Agriculture, an appropriate certificate is awarded at the conclusion of the training period.

Graduation with Honors

All applicants completing the residence requirements for a degree are eligible for consideration for honors and high honors. In computing honor point averages the work accepted in the Upper Division, or its equivalent, will be counted.

To graduate with honors a student must have an honor point average of 3.3 or above and be recommended by the Dean.

To graduate with high honors a student must have an honor point average of 3.5 or above, be in the highest 10 percent of his class, and be recommended by the head of the department and by the Dean.

CURRICULA

AGRICULTURAL CHEMISTRY

The curriculum in Agricultural Chemistry is designed to provide a broad general training in this field of chemistry. Sufficient specialization is afforded to prepare students to take positions as research workers in state or federal laboratories concerned with agricultural or biochemical problems. Other opportunities for graduates are to pursue work on an advanced degree or take positions as control chemists in the food processing, feed, or fertilizer industries.

Junior Year

Courses First Semester	Credits	Courses Second Semester	Credits
CY. 301—Organic Chemistry	4	CY. 302—Organic Chemistry	4
MS. 353—Differential Calculus	4	MS. 354—Integral Calculus	4
PS. 101—Elementary Physics	3	PS. 102—Elementary Physics	3
PS. 207—Laboratory for PS. 101	1	PS. 208—Laboratory for PS. 102	1
BCY. 301—General Bacteriology	4	*Electives	6
	16		18

Senior Year

ACY. 431—Agricultural Analysis	4	ACY. 432—Agricultural Analysis	4
CY. 401—Physical Chemistry	4	CY. 402—Physical Chemistry	4
CY. 481—Chemical Literature	½	CY. 482—Chemical Literature	½
CY. 415—Biochemistry	3	SCH. 241—Effective Speaking	3
*Electives	6	*Electives	6
	17½		17½

*Suggested electives: AL. 427, 312; BCY. 302, 306; HE. 431, 432; SLS. 301.

AGRICULTURAL ECONOMICS

In addition to a broad training in the fundamentals of agriculture, the curriculum in agricultural economics is designed to provide the student with an understanding of the economic principles involved in the production and marketing of farm products and in the major state and federal government programs relating to agriculture. The curriculum is intended to prepare students to enter private or government work as farmers, farm managers, marketing specialists, price analysts, agricultural statisticians, agricultural credit specialists (including work with the Farm Credit Administration), and general agricultural economists. Students who may be interested in preparing themselves for U. S. Civil Service examinations are advised that in general a minimum of 24 semester hours in agricultural economics is required for eligibility to the examination for Junior Agricultural Economists.

Junior Year

*AS. 201—Agricultural Economics	3	**AS. 306—Farm Management	3
**AS. 303—Farm Records	3	**AS. 308—Marketing	3
[1]Options	3-6	[1]Options	3-6
[2]Electives	5-8	[2]Electives	5-8
	17		17

Senior Year

**AS. 405—Agricultural Prices	3	**AS. 410—Agricultural Statistics	3
**AS. 409—Cooperative Marketing	3	[1]Options	3- 6
[1]Options	3-6	[2]Electives	8-11
[2]Electives	5-8		17
	17		

*Required, if not completed in Sophomore year.

**Other courses in agricultural economics may be substituted.

[1]A minimum of 18 hours of technical agricultural subjects is recommended from the following courses; AG. 301, AG. 303 or AG. 306; AL. 309; AY. 221 or AY. 324; EY. 203 or PT. 321; HE. 201, HE. 212 or HE. 341; SLS. 301; FY. 313.

[2]A minimum of 15 hours of the electives must be taken in the College of Agriculture or the School of Forestry. The remaining electives may be chosen in agricultural or non-agricultural subjects. The non-agricultural subjects especially recommended are mathematics, accounting, economics, and public speaking.

AGRICULTURAL EDUCATION

The curriculum in Agricultural Education is designed to prepare students to be teachers of vocational agriculture as provided for under the provisions of the Smith-Hughes and George-Barden Acts. Since the teaching in such positions covers all phases of agriculture, the curriculum contains courses from each agricultural department.

Students desiring to register are advised to take the program of studies in the University College outlined for the College of Agriculture. Electives in agriculture should be from the following courses: PY. 201, DY. 211, AY. 221, HE. 212, and AS. 201.

Junior Year

First Semester		Second Semester	
AG. 303—Farm Shop	3	AS. 306—Farm Management	3
HE. 230—Food Preservation	3	AL. 314—Livestock Judging	3
FY. 313—Farm Forestry	3	AG. 306—Farm Machinery	3
AL. 309—General Animal Husbandry	3	EN. 301—Principles Secondary Program	3
EN. 386—Educational Psychology	3	EN. 303—General Methods in Agriculture	3
EN. 306—Vocational Education	3	Elective	1
	18		16

Senior Year

First Semester		Second Semester	
SLS. 301—Soils	3	SLS. 302—Soil Fertility	3
EY. 203—Economic Entomology	3	HE. 341—Citrus Growing	3
HE. 429—Ornamental Horticulture	3	AS. 308—Marketing	3
VY. 401—Farm Sanitation	3	AG. 407—Farm Shop Power Equipment	3
EN. 409—Supervised Teaching in Agriculture	3	EN. 410—Supervised Teaching in Agriculture	3
EN. 411—Adult Education in Agriculture	2	EN. 412—Course Organization in Vocational Agriculture	2
	17		17

AGRICULTURAL ENGINEERING

The curriculum in agricultural engineering is designed to give students basic training in agriculture with specialized training in the application of engineering principles to agriculture. Such special training is increasingly needed with the increase in mechanization of farms, the demand for better farm buildings, the recognition of need for soil and water conservation, and the extension of electrical service to rural areas. Students graduating with a major in agricultural engineering are prepared for service with state

and federal agencies in teaching, extension, research, and soil and water conservation; in commercial advertising, sales or service for manufacturers of machinery and equipment; and in agricultural production as specialists in various phases of agricultural engineering.

Students intending to major in agricultural engineering are advised to take as electives while in the University College, PS. 226, MS. 105-106 and ML. 181. Electives in the upper division are principally chosen from agriculture and engineering.

Junior Year

Course	Hours	Course	Hours
AG. 301—Drainage & Irrigation	3		
AG. 303—Farm Shop	3	AG. 302—Farm Motors	3
EY. 203—Economic Entomology	3	AG. 306—Farm Machinery	3
SLS. 301—Soils	3	AL. 309—General Animal Husbandry	3
Electives	5	AS. 306—Farm Management	3
		Electives	5
	17		17

Senior Year

Course	Hours	Course	Hours
AG. 401—Farm Buildings	3	AG. 404—Agricultural Engineering Investigations	2
AG. 403—Agricultural Engineering Investigations	2	AG. 408—Soil & Water Conservation	3
AY. 221—General Field Crops	3	HE. 341—Citrus Growing	3
Electives	9	Electives	9
	17		17

AGRONOMY

The curriculum in agronomy is designed to give a broad training in the fundamentals of crop production, genetics, plant breeding, and experimental methods. It trains for general farming as well as positions in technical agronomy. Courses in field crops emphasize principles and practices of economic crop production. In genetics and plant breeding special attention is given to the fundamentals of inheritance as applied to crop improvement. Experiment Station plots, field trials, and greenhouse experiments offer opportunity for students to become acquainted with investigations in agronomic research. Electives provide opportunity for specialization in crop production, genetics, or plant breeding, depending on the student's major interest.

Students intending to major in Agronomy are advised to take, while in the University College, General Botany (BTY. 101 and BTY. 102) during the Freshman year, and for electives in agriculture the following courses are suggested: AL. 309, AS. 201, AY. 221, HE. 201.

Junior Year

Courses First Semester	Credits	Courses Second Semester	Credits
AY. 221—General Field Crops	3	AY. 324—Forage and Cover Crops	3
AY. 329—Applied Genetics	3	AL. 309—General Animal Husbandry	4
HE. 201—Principles of Horticulture	3	SLS. 302—Soil Fertility	3
SLS. 301—Soils	3	Approved Electives	5
Approved Electives	5	Electives in Agronomy	2
	17		17

Senior Year

BTY. 211—Plant Physiology	4	AS. 308—Marketing	3
PT. 321—Plant Pathology	3	AG. 306—Farm Machinery	3
Electives in Agronomy	6	AY. 422—Plant Breeding	3
Approved Electives	4	EY. 203—Econ. Entomology	3
		Approved Electives	5
	17		17

GENERAL AGRICULTURE

The curriculum in general agriculture is designed to give a broad basic training in agriculture. In addition to subject matter that touches many fields of agricultural science and practice, courses in agricultural extension acquaint students with agricultural organizations, their functions, and programs.

Students intending to major in general agriculture should take the following courses as their agricultural electives in the freshman and sophomore years: AS. 201, AL. 309, HE. 201, SCH. 241.

Junior Year

Courses First Semester	Credits	Courses Second Semester	Credits
AY. 221—General Field Crops	3	AS. 306—Farm Management	3
AXT. 301—Rural Leadership	3	AG. 302—Farm Motors	3
PY. 201—Fundamentals of Poultry Production	3	AY. 324—Forage and Cover Crops	3
SLS. 301—Soils	3	SLS. 302—Soil Fertility	3
*Electives	5	*Electives	5
	17		17

Senior Year

AL. 401—Farm Sanitation	2	AS. 308—Marketing	3
FY. 313—Farm Forestry	3	HE. 212—Vegetable Gardening	3
PT. 321—Plant Pathology	3	EY. 203—Economic Entomology	3
*Electives	9	*Electives	8
	17		17

*Suggested Electives: AG. 301, AL. 312, AS. 413, AXT. 405, AXT. 407, HE. 341, PHA. 324, SLS. 406.

ANIMAL HUSBANDRY

The curriculum in animal husbandry gives fundamental training in the various phases of the production of beef cattle, swine, horses, and sheep. Practical experience in the above phases is essential.

In addition, special consideration is given to meat products, the packing house industry, and the grading and marketing of meat and meat producing animals. Subjects in the basic sciences and related agricultural fields are required as a foundation for a study of animal breeding, nutrition, and management. Students majoring in animal husbandry are required to take BLY. 161-162 as corequisites with C-6, and CY. 101-102 and a course in organic chemistry. AL. 312 is suggested to be taken as soon as prerequisites are completed. Students planning to do graduate work in animal nutrition should elect AL. 427.

Junior Year

Courses First Semester	Credits	Courses Second Semester	Credits
SLS. 301—Soils	3	AS. 306—Farm Management	3
BCY. 301—General Bacteriology	3	AL. 312—Feeds and Feeding	4
AL. 309—General Animal Husbandry	3	AY. 324—Forage and Cover Crops	3
DY. 211—Principles of Dairying	3	AL. 425—Advanced Livestock Judging	3
AL. 314—Livestock Judging	3	AY. 436—Pastures	2
*Electives	2	*Electives	2
	17		17

Senior Year

VY. 301—Veterinary Anatomy and Physiology	3	AL. 322—Animal Breeding	3
AY. 329—Applied Genetics	3	AL. 411—Beef Production	3
AL. 415—Meats and Meat Products	3	AL. 421—Seminar	1
AL. 421—Seminar	1	AL. 426—Livestock Feeding	2
AL. 413—Swine Production	3	*Electives	8
*Electives	4		17
	17		

BOTANY

The botany division consists of three departments: bacteriology, botany and plant pathology. Students may major in any of these divisions by following the appropriate curriculum, and should consult with staff members concerning their field of special interest and recommended electives for strengthening it. Departmental majors in botany and bacteriology may lead to a degree in either the College of Agriculture or the College of Arts and Sciences.

(a) Major in Bacteriology*

The curriculum in the department of bacteriology is arranged to give students general training in the field of bacteriology and with proper choice of electives to prepare them for work in public health laboratories, commercial diagnostic laboratories, industries and U. S. civil service positions. It also provides basic training for students who desire to pursue research or graduate studies.

Junior Year

First Semester		Second Semester	
Courses	Credits	Courses	Credits
ACY. 203—Analytical Chemistry	3	ACY. 204—Analytical Chemistry	3
BCY. 301—General Bacteriology	4	BCY. 302—Agricultural Bacteriology	4
BTY. 211—Plant Physiology	4	BCY. 405—Pathogenic Bacteriology	4
GN. 33—First Year German	3	BCY. 306—Bacteriology of Foods	4
PT. 321—Plant Pathology	3	GN. 34—First Year German	3
	17		18

Senior Year

BCY. 413—Physiology of Bacteria	4	BCY. 402—Dairy Bacteriology	4
BCY. 440—Special Bacteriology and Sanitation	4	BCY. 412—Industrial Bacteriology	4
CY. 215—Chemistry of Water Treatment	3	EY. 203—Economic Entomology	3
SLS. 301—Soils	3	HE. 432—Food Technology	3
HE. 431—Food Technology	3	Electives	2
	17		16

*Other bacteriology courses may be substituted for any of the above on the advice of the student's advisor except BCY. 301.

(b) Major in Botany

The curriculum in botany is designed for both Agriculture and Arts and Science students. It gives fundamental training in the basic plant sciences to aid in applied and technical plant sciences as well as in other biological sciences and advanced botanical sciences.

Students in Agriculture and Arts and Sciences who major in botany should take BTY. 101 and 102 while in the University College. Also, while in the University College students majoring in botany will take the courses required for Agriculture, and those planning the Arts and Science degree with a botany major will take the courses prescribed by that college. In addition to BTY. 101 and 102, students planning to major in botany will take a minimum of 20 credit hours, including the required courses and electives selected with approval of head of the department or the major professor of his curriculum.

Junior Year

Courses	First Semester	Credits	Courses	Second Semester	Credits
BTY. 305	Plant Kingdom—lower plants	3	BTY. 306	Plant Kingdom—higher plants	3
BTY. 211	Plant Physiology	4	BTY. 432	Plant Anatomy	4
	Electives	10		Electives	10
		17			17

Senior Year

	Electives in Botany	3		Electives in Botany	3
	Electives	14		Electives	14
		17			17

(c) Major in Plant Pathology

The curriculum in plant pathology is intended to acquaint the student with the causes of failure or depreciation of plants by diseases and methods for preventing them, and to prepare him for independent activity in certain fields of agriculture, for employment as an assistant in research, or to pursue graduate study toward advanced degrees. Students intending to major in plant pathology should in the freshman year elect GN. 33-34 and substitute MS. 105-106 for C-4; and in the sophomore year elect CY. 203-204 and PS. 101-102.

Junior Year

First Semester	Credit	Second Semester	Credit
*CY. 301—Organic Chemistry	4	CY. 302—Organic Chemistry	4
BCY. 301—Bacteriology	4	BTY. 211—Plant Physiology	4
HE. 201—Principles of Horticulture	3	AS. 201—Agr. Economics	3
AY. 329—Applied Genetics	3	SCH. 241—Speech	3
PT. 321—Plant Pathology	3	PT. 424—Field Crop Diseases (or any other 400 course in PT.)	3
	17		17

Senior Year

First Semester	Credit	Second Semester	Credit
PT. 555—Plant Pathology Seminar	1	PT. 555—Plant Pathology Seminar	1
BTY. 431—Plant Histology	4	BTY. 407—Taxonomy of Vascular plants	4
SLS. 301—Soils	3	BTY. 432—Plant Anatomy	4
EY. 203—Entomology	3	AY. 422—Plant Breeding	3
FH. 33—French	3	FH. 34—French	3
MS. 310—Statistical Methods	3	PT. 434—Mycology	3
	17		18

Recommended elective or substitute courses to above curriculum, with permission of instructor.

ART. 241—Photography	3	FY. 226—Dendrology	3
AY. 221—Field Crops	3	GY. 203—Geology	3
BTY. 305—Lower Plants	3	HE. 217—Plant Propagation	3
BTY. 306—Higher Plants	3	*All other 400 courses in PT. as substitutes	

*CY. 301—To follow CY. 101 and CY. 102

CY. 203, CY. 204, CY. 301 and CY. 302 to follow CY. 101 and CY. 102, recommended for students to do graduate work in this field.

DAIRYING

The curricula in Dairy Husbandry and Dairy Manufactures are designed to give technical and practical training in the various phases of dairying including the production of milk and the manufacture of dairy products.

DY. 211, Principles of Dairying, is a prerequisite to all the courses in dairying and should be taken in the freshman or sophomore year by students who plan to major in this field. Such students should also take CY. 101-102 instead of ACY. 125-126.

(a) Major in Dairy Husbandry

The curriculum in dairy husbandry provides a broad foundation for dairy farming. Training is given in the selection, breeding and feeding of dairy animals and in management of the dairy herd. The curriculum is intended to prepare students to become dairy operators or to provide a foundation for further study in dairying or other closely related fields. A new, modern dairy unit and 1200 acres of land provide excellent facilities for teaching in this field.

Students planning to major in Dairy Husbandry are required to take BLY. 161-162 as corequisite with C-6.

Junior Year

Course	First Semester	Hours	Course	Second Semester	Hours
BCY. 301	General Bacteriology	4	AS. 306	Farm Management	3
VY. 301	Veterinary Anatomy and Physiology	3	AL. 312	Feeds and Feeding	4
SLS. 301	Soils	3	BCY. 402	Dairy Bacteriology	4
DY. 318	Grading and Judging Dairy Products	1	AY. 324	Forage and Cover Crops	3
	Electives*	7		Electives*	3
		18			17

Senior Year

AY. 329	Applied Genetics	3	AY. 436	Pastures	2
AY. 331	Laboratory Problems In Genetics	2	DY. 412	Milk Production	3
DY. 413	Market Milk and Milk Plant Products	3	DY. 422	Milk Secretion	2
DY. 410	Dairy Cattle Judging and Breeds	2	DY. 408	Dairy Industry Review	1
DY. 411	Dairy Cattle Management	3		Electives*	8
DY. 421	Seminar	1			16
DY. 424	Advanced Dairy Breeds	3			
		17			

*Suggested Electives: SCH. 241, SCH. 202, AG. 301, AG. 302, AG. 306, AS. 308, SLS. 302, HE. 212, FY. 313, DY. 417.

(b) Major in Dairy Manufactures

The curriculum in dairy manufactures is planned for students interested in the technical aspects of dairy manufacturing. The curriculum provides training which qualifies graduates for responsible positions in the industry, in teaching and investigational work, and as inspectors in municipal, state and government service. A modern dairy industry building provides good laboratory facilities for teaching in this field.

Junior Year

Course	First Semester	Credits	Course	Second Semester	Credits
ACY. 203	Analytical Chemistry	3	ACY. 204	Analytical Chemistry	3
BCY. 301	General Bacteriology	4	AL. 312	Feeds and Feeding	4
AS. 308	Marketing	3	DY. 316	Condensed and Dry Milk	3
DY. 318	Grading and Judging Dairy Products	1	BCY. 402	Dairy Bacteriology	4
	Electives*	6		Electives*	3
		17			17

Senior Year

AG. 406—Dairy Engineering	3
DY. 413—Market Milk and Milk Plant Products	3
DY. 415—Ice Cream Manufacture	3
DY. 417—Fermented Milks	2
DY. 419—Cheesemaking	3
DY. 421—Seminar	1
Electives*	2
	17

DY. 408—Dairy Industry Review	1
DY. 412—Milk Production	3
DY. 414—Buttermaking	3
DY. 416—Dairy Technology	3
Electives*	7
	17

*Suggested Electives: PS. 226, DY. 410, DY. 411, HE. 201, SLS. 301, EY. 201 or 203, AY. 221, AL. 309, SCH. 241, SCH. 202, CY. 262, ATG. 211, ATG. 212, BCY. 302, BCY. 306.

ENTOMOLOGY

The curriculum for this department is flexible. Students will be permitted to make alterations deemed desirable for their specialized training. Each student should confer with the head of the department.

The proper selection of electives will enable a student to train for one of the following phases of the profession: 1. Medical and Veterinary Entomology (Insects affecting man and animals). 2. Industrial Entomology (the control of pests in industrial plants). 3. Horticultural Entomology (Insects affecting fruit, vegetable, and field crops). 4. Legal Phase of Entomology, or Plant Quarantine and Inspection (Principles and practices involved in the enforcement of laws which are designed to prevent the movement of pests and pest infested material). 5. Forest Entomology. 6. Commercial Entomology and Structural pest control (The sale of insecticides and control of structural pests). 7. Research and Graduate work. Copies of the suggested curricula for the aforementioned fields of specialization may be obtained from the head of the department.

The proper selection of electives will permit a student to secure a major in Entomology and in some related field.

Electives in agricultural and non-agricultural fields, taken in either the Lower or Upper Division, should be chosen in consultation with the head of the department. This procedure will assure that they best meet the educational objectives of the student.

*BASIC CURRICULUM

Junior Year

Courses First Semester	Credits
EY. 311—Seminar	½
EY. 405—Insect Control	3
EY. 408—Insect Morphology & Physiology	4
Approved Electives	10
	17½

Courses Second Semester	Credits
EY. 311—Seminar	½
EY. 460—Insect Identification	2
Approved Electives	15
	17½

Senior Year

Courses First Semester	Credits
EY. 311—Seminar	½
Approved Electives	17
	17½

Courses Second Semester	Credits
EY. 311—Seminar	½
EY. 462—Insect Ecology	2
Approved Electives	15
	17½

*Students planning to major in entomology should arrange to schedule EY. 203 or 207 while in the Lower Division. If not completed in Lower Division, one of these courses will be required as pre- or corequisites for Upper Division courses.

HORTICULTURE

Four curricula are offered in the department of horticulture, in order to fit better the needs of students planning to specialize in different areas of this broad field. Abun-

dant opportunity is offered for electing courses which will further strengthen the training of the student in specialized branches of horticulture, and he should consult with the head of the department regarding these courses.

All students planning to major in horticulture should take BTY. 101-102 in their freshman year, preferably together with C-6, and CY. 101-102. HE. 201 should be taken in the sophomore year and ACY. 203 and 208 may well be taken then. A desirable elective in the freshman year is AL. 309, and in the sophomore year EY. 203, AY. 324 or HE. 212 may be taken.

(a) Major in Fruit Production

This curriculum is planned to meet the needs of students who wish to undertake production of citrus fruits or other fruits grown in Florida. Opportunity for specialization in particular fruit lines is given in the senior year.

Junior Year

Courses First Semester	Credits	Courses Second Semester	Credits
HE. 217—Plant Propagation	3	EY. 203—Economic Entomology	3
BTY. 211—Plant Physiology	4	ACY. 208—Agricultural Biochemistry	3
ACY. 203—Analytical Chemistry	3	AS. 408—Marketing Fruits and Vegetables	3
SLS. 301—Soils	3	SLS. 302—Soil Fertility	3
Approved Elective	3	Approved Electives	4
	16		16

Senior Year

AG. 301—Irrigation and Drainage	3	AY. 422—Plant Breeding	3
HE. 403—Physiology of Fruit Production	3	PT. 423—Fruit Diseases	3
PT. 321—Plant Pathology	3	Approved courses in Horticulture	6
Approved courses in Horticulture	6	Approved Electives	6
Approved Electives	3		18
	18		

(b) Major in Vegetable Production

This curriculum is designed to give a sound training to students who wish to enter commercial production of vegetables in Florida.

Junior Year

Courses First Semester	Credits	Courses Second Semester	Credits
HE. 217—Plant Propagation	3	HE. 212—Vegetable Growing	3
BTY. 211—Plant Physiology	4	EY. 203—Economic Entomology	3
ACY. 203—Analytical Chemistry	3	ACY. 208—Agricultural Biochemistry	3
SLS. 301—Soils	3	AS. 408—Marketing Fruits and Vegetables	3
Approved Elective	3	SLS. 302—Soil Fertility	3
	16	Approved Elective	1
			16

Senior Year

AG. 301—Irrigation and Drainage	3	AY. 422—Plant Breeding	3
HE. 405—Physiology of Herbaceous Crops	3	PT. 422—Vegetable Diseases	3
HE. 421—Commercial Truck Crops	3	HE. 422—Commercial Truck Crops	3
PT. 321—Plant Pathology	3	Approved courses in Horticulture	3
Approved courses in Horticulture	3	Approved Electives	6
Approved Electives	3		18
	18		

(c) Major in Ornamental Horticulture

This curriculum trains men especially for work as plant propagators or landscape nurserymen.

Junior Year

Courses First Semester	Credits	Courses Second Semester	Credit
HE. 217—Plant Propagation	3	HE. 212—Vegetable Gardening	3
BTY. 211—Plant Physiology	4	EY. 203—Economic Entomology	3
PT. 321—Plant Pathology	3	BTY. 306—Plant Kingdom	3
SLS. 301—Soils	3	SLS. 302—Soil Fertility	3
AY. 329—Applied Genetics	3	Approved elective	4
	16		16

Senior Year

HE. 319—Maintenance of Ornamental Trees	3	HE. 420—Nursery Operation	3
HE. 429—Ornamental Horticulture	3	AY. 422—Plant Breeding	3
PT. 425—Diseases of Ornamental Plants	3	AG. 302—Farm Motors	3
BTY. 401—Plant Ecology	4	AS. 306—Farm Management	3
HE. 403—Physiology of Fruit Production	3	Approved course in Horticulture	3
Approved elective	2	Approved elective	2
	18		18

(d) Major in Floriculture

This curriculum prepares students for careers as florists or greenhouse operators.

Junior Year

Courses First Semester	Credits	Courses Second Semester	Credit
HE. 217—Plant Propagation	3	HE. 212—Vegetable Gardening	3
BTY. 211—Plant Physiology	4	BTY. 306—Plant Kingdom	3
PT. 321—Plant Pathology	3	EY. 203—Economic Entomology	3
SLS. 301—Soils	3	SLS. 302—Soil Fertility	3
HE. 227—Flower Growing	3	HE. 352—Basic Floriculture	3
	16	Approved Elective	1
			16

Senior Year

AY. 329—Applied Genetics	3	AY. 422—Plant Breeding	3
PT. 425—Diseases of Ornamental Plants	3	AS. 308—Marketing	3
HE. 403—Physiology of Fruit Production	3	AG. 301—Irrigation and Drainage	3
HE. 441—Commercial Floriculture	3	HE. 442—Commercial Floriculture	3
Approved electives	6	Approved electives	6
	18		18

POULTRY HUSBANDRY

The curriculum in poultry husbandry is designed to give a broad training in the field of poultry science. It is intended to prepare students to enter private or government work as poultry specialists, and is especially recommended for those students who desire to enter commercial business as poultry feed and equipment dealers and poultry marketing specialists.

Students majoring in poultry husbandry should consult with the Poultry Husbandry Department staff for special interests and approved electives. All poultry majors are required to take PY. 201, preferably in the sophomore year.

Junior Year

Course	First Semester	Hours
AS. 201	Agricultural Economics	3
AY. 329	Applied Genetics	3
AY. 331	Laboratory Problems in Genetics	2
PY. 317	Marketing Poultry Products	3
	Approved electives	5
		16

Course	Second Semester	Hours
AS. 306	Farm Management	3
AL. 312	Feeds and Feeding	4
PY. 312	Incubation, Brooding and Rearing	3
	Approved electives	7
		17

Senior Year

PY. 415	Poultry Management	3
PY. 421	Seminar	1
PY. 427	Poultry Judging and Breeding	3
PY. 429	Problems in Poultry Production	1-4
	Approved Electives	6-9
		17

PY. 414	Feeding Poultry	2
PY. 416	Poultry Management	3
PY. 422	Seminar	1
PY. 430	Problems in Poultry Production	1-4
VY. 402	Poultry Diseases	2
	Approved Electives	5-8
		17

SOILS

The department of soils offers three curricula. Each curriculum is designed to meet the individual needs of different groups of students. Students should consult the head of the department or the major professor of his curriculum for approval of electives in the field of specialization.

(a) Major in Soil Fertility and Management

The curriculum in soil fertility and management is designed to give the student a broad training in the fundamentals of general agriculture with particular emphasis on crop production and soil management. Sufficient elective hours are provided so that in addition to thorough training in soils, any student may specialize in some closely allied line of work such as farm management, horticulture or animal production. This curriculum is specially designed for students who wish to obtain basic training in preparation for positions as farm managers and operators, or for work in the Agricultural Extension Service or the Soil Conservation Service. Students intending to major in soil fertility and management should take the following courses as their agricultural electives in the University College: AY. 221, General Field Crops; AL. 309, Principles of Animal Husbandry; HE. 201, Principles of Horticulture; EY. 201, Man and Insects; AS. 201, Agricultural Economics; and BTY. 101-102, General Botany.

Junior Year

Courses	First Semester	Hours
ACY. 203	Analytical Chemistry	3
SLS. 301	Soils	3
	Approved electives*	11
		17

Courses	Second Semester	Hours
ACY. 208	Agricultural Bio-chemistry	3
SLS. 302	Soil Fertility	3
SLS. 304	Soil Surveying	3
	Approved electives*	8
		17

Senior Year

SLS. 401	Soil Morphology and Classification	3
SLS. 405	Soil Microbiology	3
	Approved electives*	11
		17

SLS. 402	Advanced Soil Fertility	3
SLS. 406	Soils and Fertilizers	3
SLS. 408	Soil and Water Conservation	3
	Approved electives*	8
		17

*Suggested Electives: AY. 221, AY. 324, AG. 301, HE. 201, HE. 341, EY. 201, AS. 201, AL. 309, BCY. 301, GY. 203, PT. 321, AS. 306, FY. 313, EY. 203. BTY. 211.

(b) Major in Soil Chemistry and Microbiology

The curriculum in soil chemistry and microbiology is especially adapted for students who wish to do experimental work in soils, to teach in agricultural colleges or to do graduate work in soils. This curriculum provides carefully selected groups of courses in the basic sciences in addition to special courses in soils. Students intending to major in soil microbiology should elect BTY. 101-102, General Botany, instead of C-6, as well as the required agricultural electives in the University College. Students intending to major in soil chemistry should take MS. 105-106 instead of C-41-42, and take PS. 101-102 and PS. 103-104, in addition to the agricultural electives required in the University College.

Junior Year

Courses First Semester	Hours	Courses Second Semester	Hours
ACY. 203—Analytical Chemistry	3	CY. 205—Analytical Chemistry	4
BCY. 301—General Bacteriology	4	SLS. 302—Soil Fertility	3
SLS. 301—Soils	3	Electives	10
Electives*	7		
	17		17

Senior Year

ACY. 431—Agricultural Analysis	3	ACY. 208—Agricultural Bio-chemistry	3
SLS. 401—Soil Morphology and Classification	3	SLS. 402—Advanced Soil Fertility	3
SLS. 405—Soil Microbiology	3	SLS. 406—Soils and Fertilizers	3
Electives*	8	SLS. 420—Special Problems in Soils	2
		Electives*	6
	17		17

*For a major in Soil Chemistry the following courses are required: CY. 417 and GY. 308.
For a major in Soil Microbiology the following courses are required: BCY. 304, BCY. 401. PT. 321 and PT. 434.

(c) Major in Soil Surveying

The curriculum in soil surveying is designed especially to train students for positions as soil scientists in the Division of Soil Survey, U. S. Department of Agriculture, the Soil Conservation Service, State Soil Surveys, Land Bank Appraisers, and others. Students intending to major in soil surveying should elect PS. 226, Agricultural Physics, in the sophomore year. Also, the regular agricultural electives in the University College are required.

Junior Year

Courses First Semester	Hours	Courses Second Semester	Hours
ACY. 203—Analytical Chemistry	3	ACY. 208—Agricultural Bio-chemistry	3
GY. 203—Elements of Physical Geology	3	GY. 308—Elementary Minerology and Petrology	3
CL. 223—Surveying	3	GPY. 330—Maps, Charts and Graphs	3
SLS. 301—Soils	3	SLS. 302—Soil Fertility	3
Electives	5	SLS. 304—Soil Surveying	3
		Electives	2
	17		17

Senior Year

SLS. 401—Soil Morphology and Classification	3	AS. 306—Farm Management	3
SLS. 405—Soil Microbiology	3	SLS. 402—Advanced Soil Fertility	3
GY. 402—Geology and Mineral Resources of Florida	3	SLS. 408—Soil and Water Conservation	3
Electives	8	SLS. 406—Soils and Fertilizers	3
		Electives	5
	17		17

COLLEGE OF ARCHITECTURE AND ALLIED ARTS

GENERAL STATEMENT

It is the purpose of the College of Architecture and Allied Arts to improve man's physical environment and enrich his life through education in architecture and the arts. To that end, the College provides professional programs of study for students in the College of Architecture and the Allied Arts, courses in architecture and the arts for students in other colleges of the University, and appropriate services to the citizens of Florida in general.

Instruction in architecture was begun at the University of Florida upon the establishment of a School of Architecture by the late Rudolph Weaver, F.A.I.A., in 1925. A program in painting was added in 1929, and in the same year the School became an independent unit of the University known as the School of Architecture and Allied Arts. Work in commercial art was begun in 1932, in landscape architecture in 1933, and in building construction in 1935. In 1948 programs in interior design and in crafts were added, and the name of the School was changed to the College of Architecture and Allied Arts.

PROFESSIONAL AND CULTURAL PROGRAMS

The College of Architecture and Allied Arts offers professional programs of study leading to appropriate undergraduate degrees in Architecture, Building Construction, Commercial Art, Crafts, Interior Design, Landscape Architecture, and Painting and Drawing. Each program is devised with the intention of giving thorough training in the fundamentals of the profession chosen, and the application of theory to practice is one of the chief teaching principles. Professional programs at the graduate level are offered in Architecture, in Building Construction, and in Art.

The College offers courses to students in other colleges of the University who wish to broaden their cultural background in the arts. General courses in the Department of Architecture and in the Department of Art are open to all students in the University, and certain upper division courses in the Departments of Art, Commercial Art, Interior Design, and Crafts require no prerequisite training.

CENTER OF THE ARTS

Educational and illustrative exhibitions of work in architecture and the arts are a major contribution of the College to the University and to the State. A beginning has been made of a great teaching, research, and public service center known as the Center of the Arts in which students, faculty, and the general public can study examples of outstanding contemporary work in painting, industrial design, furniture, crafts, community planning, architecture, and the other arts.

BUREAU OF ARCHITECTURAL AND COMMUNITY RESEARCH

The College of Architecture and Allied Arts has established a Bureau of Architectural and Community Research to conduct and to coordinate research in those fields which concern the design of shelter and environment for all kinds of human activity. The Bureau provides an opportunity for graduate students and for faculty members to engage in research in architecture and in community planning, and to cooperate effectively in research projects with other departments of the University.

PROFESSIONAL AFFILIATIONS

The College is a member institution of the American Federation of Art, the Association of Collegiate Schools of Architecture, the College Art Association, and the Society of Architectural Historians.

The Curriculum in Architecture is accredited by the National Architectural Accrediting Board. Graduates in Architecture who have acquired the necessary practical experience are regularly admitted to the examinations of the Florida State Board of Architecture. Properly qualified persons may be admitted to the examinations of the National Council of Architectural Registration Boards, and many advantages accrue to those who obtain professional registration as architects in this way.

COUNSELING AND PERSONNEL PROGRAM

To assist students in the solution of problems which arise during their college careers, the College of Architecture and Allied Arts has established a counseling and personnel program. The purpose of the program is to assist the student in the selection of a field of study, to make available an understanding and sympathetic counselor to whom the student may turn for assistance in solving any of his problems, to assist in the selection of employment upon graduation, and to maintain contact with the student after graduation and assist him with his problems in the field.

TEACHERS' CERTIFICATES

The College of Architecture and Allied Arts offers courses leading to certification in Art for teaching Art in the secondary schools in the State of Florida. Regulations describing certification of teachers are published by the State Department of Education and it is imperative that all students who expect to be certified familiarize themselves with these regulations. Application for certificate should be made immediately after graduation, and should be addressed to the State Superintendent of Public Instruction, Tallahassee, Florida.

FIELD WORK

The Department of Architecture recognizes the importance of practical experience to professional students in the design professions. In order to encourage students to obtain such experience before commencing their terminal programs, provision is made for students to receive credit for approved work in their field of major interest. By prior arrangement with the Dean and the Head of the Department, and subject to Faculty regulations governing field work, students admitted to professional curricula in the Department of Architecture may earn up to three credits for field work upon the submission of the documents and reports as prescribed by the regulations.

GENERAL REQUIREMENTS

Attendance.—Every student is expected to be present during all of the regular hours assigned for each course. Where conflicts occur and deviations are necessary for valid reasons, variations will be approved by the Dean.

Advancement.—In the professional programs, individual instruction is given to each student. Because of the individual nature of the work, the student advances according to his accomplishment. Thus, while exceptional students may proceed at a

more rapid rate than the average, minimum standards of progress are maintained and students not meeting such standards may be denied the privilege of continuing in the course.

Academic Credit.—The College of Architecture and Allied Arts has dispensed with clock hours, class grades, and semester hours credit as measures of accomplishment and prerequisites to the completion of its work. Understanding and demonstrated proficiency in a professional field are used as a test for granting a degree rather than the traditional accumulation of credits.

Student Responsibility.—The student must assume full responsibility for registering for the proper courses and for fulfilling all requirements for his degree. The faculty will assist and advise, but the student must take the initiative and assume responsibility for managing his own affairs.

Elective Courses.—In order to broaden his general or professional education beyond the regular prescribed program a student may obtain permission to enroll in such additional courses as he may select.

Student Work.—All work submitted by students becomes the property of the College and may be retained for purposes of record, exhibition, or instruction. All projects must be done in the rooms of the College under the supervision of the faculty.

Graduation With Honors.—Students successfully completing the work of the College shall, according to the character of their work as adjudged by the faculty, receive diplomas of graduation, of graduation *With Honors,* or of graduation *With High Honors.*

DEGREES AND CURRICULA

ADMISSION

All work of the freshman and sophomore years including the basic comprehensive courses and the courses prerequisite to the advanced work in the College of Architecture and Allied Arts is administered in the University College. For the freshman and sophomore programs of study, consult the section of the catalog entitled The Lower Division.

To enter the College of Architecture and Allied Arts and to register for one of the professional curricula, students are required (1) to present a certificate of graduation from the University College or its equivalent as determined by the Board of University Examiners, (2) to be certified by the Board of University Examiners as qualified to pursue the work of the College, (3) to have the approval of the Committee on Admissions of the College of Architecture and Allied Arts, and (4) to have completed as electives in the University College the courses listed under "Admission" in each curriculum. In some cases, upon the recommendation of the Committee on Admissions of the College of Architecture and Allied Arts, a student who has not completed the required elective courses may be admitted on probation until he completes them. Students whose records in the Lower Division do not indicate that they are qualified to pursue with profit the professional work of the Upper Division will not be admitted to the College.

UNDERGRADUATE DEGREES

In Architecture, the degree conferred is Bachelor of Architecture. The work for this degree nominally requires three academic years beyond the University College. In the final semester of the program in Architecture, the student may elect a thesis in architecture, a thesis in planning, or related work in the sciences and humanities.

In Building Construction, the degree conferred is Bachelor of Building Construction; in Landscape Architecture, the degree conferred is Bachelor of Landscape Architecture; in Interior Design, the degree conferred is Bachelor of Applied Arts. Each of these programs nominally requires two academic years beyond the University College.

In Painting and Drawing, the degree conferred is Bachelor of Fine Arts. This program nominally requires two academic years beyond the University College.

In Commercial Art and in Crafts, the degree conferred is Bachelor of Applied Arts. The work for each of these programs nominally requires two academic years beyond the University College.

The requirements for the degree of Bachelor of Arts with a major in Art are described under the College of Arts and Sciences.

The requirements for the degree of Bachelor of Arts in Education with Art as an area of concentration are described under the College of Education.

GRADUATE DEGREES

Courses are offered in the Graduate School leading to the degree of Master of Arts in Architecture, Master of Science in Building Construction, and Master of Fine Arts. At the graduate level, a student in Architecture may major in architectural design, architectural research, community planning, building construction, or structural design of buildings. In Building Construction, the major may be in building construction, or in structural design of buildings. In Art, the major may be in creative work or in research.

I. CURRICULUM IN ARCHITECTURE

Leading to the Degree of Bachelor of Architecture

This curriculum is for students who desire to become architects or to enter some related field in which utility and beauty are combined objectives. The course prepares students to become draftsmen, designers, inspectors and superintendents of construction, specification writers, teachers, etc., or ultimately to become practicing architects or specialists in their chosen fields. An option in community planning is available during the last half of the fifth year. John L. R. Grand, Advisor.

Admission.—To enter the College of Architecture and Allied Arts and to register for the curriculum in Architecture, students are required to meet the general admission requirements listed above and to have completed the following courses from among the electives in the University College:

AE. 101. —The Arts of Design, 3 credits
AE. 102. —Vision and Graphics, 3 credits
AE. 203. —Basic Design, 3 credits
AE. 204. —Organic Planning, 3 credits
AE. 205-206.—Building Technology, 4-4 credits

Requirements for the Degree.—To qualify for the degree of Bachelor of Architecture a student must complete the following courses to the satisfaction of the faculty and must complete a comprehensive examination in Architecture.

Third Year

Courses First Semester	Credits	Courses Second Semester	Credits
AE. 301-302-303-304-305.—Projects in Architecture, Group 1, consisting of 5 three-credit units	15	AE. 306-307-308-309-310.—Projects in Architecture, Group 2, consisting of 5 three-credit units	15

Fourth Year

Courses First Semester	Credits	Courses Second Semester	Credits
AE. 401-402-403-404-405.—Projects in Architecture, Group 3, consisting of 5 three-credit units	15	AE. 406-407-408-409-410.—Projects in Architecture, Group 4, consisting of 5 three-credit units	15

Fifth Year

Courses First Semester	Credits	Courses Second Semester	Credits
AE. 441-442-443-444-445.—Projects in Architecture, Group 5, consisting of 5 three-credit units	15	*Approved Electives	15

*In the latter half of the fifth year the mature student is permitted considerable flexibility in planning his terminal program. The approved electives may be increments of the Thesis in Architecture series AE. 446-447-448-449-450, the Thesis in Planning series AE. 456-457-458-459-460, courses presented in other colleges of the University, or combinations of the foregoing.

II. CURRICULUM IN BUILDING CONSTRUCTION

Leading to the Degree of Bachelor of Building Construction

This curriculum is for students who are interested in the construction and erection of buildings rather than their architectural design, and who wish to prepare themselves to enter branches of the building industry such as building of houses and other small structures, contracting, construction superintendence, estimating, structural designing, material production, material and equipment distribution, service, or maintenance. John L. R. Grand, Advisor.

Admission.—To enter the College of Architecture and Allied Arts and to register for the curriculum in Building Construction, students are required to meet the general admission requirements listed above and to have completed the following courses from among electives in the University College, or their equivalents:

AE. 101. —The Arts of Design, 3 credits
AE. 102. —Vision and Graphics, 3 credits
AE. 203. —Basic Design, 3 credits
AE. 204. —Organic Planning
AE. 205-206.—Building Technology, 4-4 credits

Requirements for the Degree.—To qualify for the degree of Bachelor of Building Construction a student must complete the following courses to the satisfaction of the faculty, and must complete a comprehensive examination in Building Construction. The courses in Building Construction are essentially the same for all students during the first three semesters in the Upper Division. During the fourth semester the student selects such approved individual work as will prepare him for the special field in the construction industry which he expects to enter after graduation. Electives and individual work may be selected in such fields as contract construction, housebuilding, construction material and equipment production, distribution, and sales, structural design, quantity and cost estimating and analysis, and the maintenance and repair of structures and equipment.

Third Year

Courses First Semester	Credits	Courses Second Semester	Credits
BCN. 301-302-303-304.—Projects in Building Construction, Group 1, consisting of 4 three-credit units	12	BCN. 311-312-313-314.—Projects in Building Construction, Group 2 consisting of 4 three-credit units	12
Approved Elective	3	Approved Elective	3
	15		15

Fourth Year

Courses First Semester	Credits	Courses Second Semester	Credits
BCN. 401-402-403-404.—Projects in Building Construction, Group 3, consisting of 4 three-credit units	12	BCN. 411-412-413-414.—Projects in Building Construction, Group 4, consisting of 4 three-credit units	12
Approved Elective	3	Approved Elective	3
	15		15

III. CURRICULUM IN LANDSCAPE ARCHITECTURE

Leading to the Degree of Bachelor of Landscape Architecture

This curriculum is designed to fit students for work in the arrangement and preservation of land areas for use and beauty. The aim is not only to prepare a graduate for immediate usefulness as an assistant to an established practitioner, but also to lay a foundation for his ultimate independent practice of the profession. John L. R. Grand, Advisor.

Admission.—To enter the College of Architecture and Allied Arts and to register for the curriculum in Landscape Architecture, students are required to meet the general admission requirements listed above and to have completed the following courses from among the electives in the University College:

AE. 101.—The Arts of Design, 3 credits
AE. 102.—Vision and Graphics, 3 credits
ACY. 125.—Agricultural Chemistry, 4 credits
AE. 203.—Basic Design, 3 credits
BTY. 303.—General Botany, 3 credits
AE. 204.—Organic Planning, 3 credits
AE. 205.—Building Technology, 4 credits
SLS. 301.—Soils, 3 credits

Requirements for the Degree.—To qualify for the degree of Bachelor of Landscape Architecture a student must complete the following courses to the satisfaction of the faculty and must complete a comprehensive examination in Landscape Architecture.

Third Year

Courses First Semester	Credits	Courses Second Semester	Credits
LAE. 301-302-303-304.—Projects in Landscape Architecture, Group 1, consisting of 4 three-credit units	12	LAE. 311-312-313-314.—Projects in Landscape Architecture, Group 2, consisting of 4 three-credit units	12
HE. 429.—Ornamental Horticulture	3	HE. 430.—Advanced Ornamental Horticulture	3
	15		15

Fourth Year

Courses First Semester	Credits	Courses Second Semester	Credits
LAE. 401-402-403-404.—Projects in Landscape Architecture, Group 3, consisting of 4 three-credit units	12	LAE. 411-412-413-414.—Projects in Landscape Architecture, Group 4, consisting of 4 three-credit units	12
Approved Elective	3	Approved Elective	3
	15		15

IV. CURRICULUM IN INTERIOR DESIGN

Leading to the Degree of Bachelor of Applied Arts

This curriculum is for students who desire to become professional interior designers in the domestic, commercial and institutional fields, or who desire to engage in the merchandising, design or manufacture of furniture and accessories. John L. R. Grand, Advisor.

Admission.—To enter the College of Architecture and Allied Arts and to register for the curriculum in Interior Design, students are required to meet the general admission requirements listed above and to have completed the following courses from among the electives in the University College.

AE. 101.—The Arts of Design, 3 credits
AE. 102.—Vision and Graphics, 3 credits
AE. 203.—Basic Design, 3 credits
AE. 204.—Organic Planning, 3 credits
AE. 205.—Building Technology, 4 credits
Approved Elective

Requirements for the Degree.—To qualify for the degree of Bachelor of Applied Arts a student must complete the following courses to the satisfaction of the faculty and must complete a comprehensive examination in Interior Design.

Third Year

Courses First Semester	Credits	Courses Second Semester	Credits
IR. 301-302-303-304.—Projects in Interior Design, Group 1, consisting of 4 three-credit units	12	IR. 311-312-313-314.—Projects in Interior Design, Group 2, consisting of 4 three-credit units	12
Approved Electives	6	Approved Electives	6
	18		18

Fourth Year

Courses First Semester	Credits	Courses Second Semester	Credits
IR. 401-402-403-404.—Projects in Interior Design, Group 3, consisting of 4 three-credit units	12	IR. 411-412-413-414.—Projects in Interior Design, Group 4, consisting of 4 three-credit units	12
Approved Elective	3	Approved Elective	3
	15		15

V. CURRICULUM IN PAINTING AND DRAWING

Leading to the Degree of Bachelor of Fine Arts

The purpose of this curriculum is to develop the student's creative and technical ability in pictorial art. Beginning with the fundamentals of drawing, design, and color, the work expands into a highly specialized study of pictorial art, including mural painting, figure painting, and portrait painting. The work is particularly fitted for those who wish to enter the fields of creative painting, illustration, or teaching. Hollis H. Holbrook, Advisor.

Admission.—To enter the College of Architecture and Allied Arts and to register for the curriculum in Painting and Drawing, students are required to meet the general admission requirements listed above and to have completed the following courses from among the electives in the University College:

ART 121.—The Visual Arts, 3 credits
ART 122.—Materials and Spatial Design, 3 credits
ART 223.—Color and Design, 3 credits
ART 224.—Drawing and Visual Perception, 3 credits
ART 225.—Scientific Contributions to Art, 3 credits
ART 226.—Pictorial Composition, 3 credits

Requirements for the Degree.—To qualify for the degree of Bachelor of Fine Arts a student must complete the following courses to the satisfaction of the faculty and must complete a comprehensive examination in Painting and Drawing.

Third Year

Courses First Semester	Credits	Courses Second Semester	Credits
ART 301.—Design I	3	ART 302.—Design II	3
ART 391.—Ancient Art	3	ART 392.—Medieval Art	3
CT. 361.—Lettering and Instrumental Drawing	3	PG. 312.—Freehand Drawing II	3
PG. 311.—Freehand Drawing I	3	PG. 352.—Landscape and Figure Painting II	3
PG. 351.—Landscape and Figure Painting I	3	Approved Elective	6
Approved Elective	3		18
	18		

Fourth Year

Courses First Semester	Credits	Courses Second Semester	Credits
ART 403.—Design III	3	ART 404.—Design IV	3
ART 493.—Art of the Renaissance	3	ART 494.—Modern Art	3
PG. 413.—Freehand Drawing III	3	PG. 414.—Graphic Arts	3
PG. 453.—Figure and Portrait Painting	6	PG. 454.—Special Problems in Painting	6
Approved Elective	3	Approved Elective	3
	18		18

VI. CURRICULUM IN COMMERCIAL ART

Leading to the Degree of Bachelor of Applied Arts

The purpose of this curriculum is to prepare designers to work in the field of advertising design. Based on a broad foundation in drawing, design, and color, the work includes the usual arts in advertising, product development, layout and lettering, typography, and reproduction methods. In the advanced work, emphasis is placed on advertising design for newspapers and magazines, so that graduates are particularly fitted to enter the field of advertising art in any of its varied forms. Hollis H. Holbrook, Advisor.

Admission.—To enter the College of Architecture and Allied Arts and to register for the curriculum in Commercial Art, students are required to meet the general admission requirements listed above and to have completed the following courses in the University College:

ART 121.—The Visual Arts, 3 credits
ART 122.—Materials and Spatial Design, 3 credits
ART 223.—Color and Design, 3 credits
ART 224.—Drawing and Visual Perception, 3 credits
ART 225.—Scientific Contributions to Art, 3 credits
ART 226.—Pictorial Composition, 3 credits

Requirements for the Degree.—To qualify for the degree of Bachelor of Applied Arts the student must complete the following courses to the satisfaction of the faculty and must complete a comprehensive examination in Commercial Art.

Third Year

Courses First Semester	Credits	Courses Second Semester	Credits
ART 301.—Design I	3	ART 302.—Design II	3
PG. 311.—Freehand Drawing I	3	PG. 312.—Freehand Drawing II	3
ART 391.—Ancient Art	3	ART 392.—Medieval Art	3
CT. 360.—Layout	3	CT. 362.—Advertising Design	3
CT. 361.—Lettering and Instrumental Drawing	3	Approved Electives	6
Approved Elective	3		18
	18		

Fourth Year

Courses First Semester	Credits	Courses Second Semester	Credits
PG. 413.—Freehand Drawing III	3	ART 403.—Design III	3
ART 493.—Art of the Renaissance	3	ART 494.—Modern Art	3
CT. 461-462-463.—Projects in Advertising Design, Group 1, consisting of 3 three-credit units	9	CT. 464-465-466.—Projects in Advertising Design, Group 2, consisting of 3 three-credit units	9
Approved Elective	3	Approved Electives	3
	18		18

VII. CURRICULUM IN CRAFTS

Leading to the Degree of Bachelor of Applied Arts

This curriculum is provided for students who wish to enter a rapidly expanding field that offers unlimited opportunities for development. Work in Crafts includes ceramics, silver and copper work, leather work, and weaving. The course is designed to emphasize the basic problems of design with a study of the limitations and potentialities of the materials employed. Emphasis is placed on contemporary production methods and the utilization of native Florida resources. Hollis H. Holbrook, Advisor.

Admission.—To enter the College of Architecture and Allied Arts and to register for the curriculum in Crafts, students are required to meet the general admission requirements listed above and to have completed the following courses from among the electives in the University College:

ART 121.—The Visual Arts, 3 credits
ART 122.—Materials and Spatial Design, 3 credits
ART 223.—Color and Design, 3 credits
ART 224.—Drawing and Visual Perception, 3 credits
ART 225.—Scientific Contributions to Art, 3 credits
ART 226.—Pictorial Composition, 3 credits

Requirements for the Degree.—To qualify for the degree of Bachelor of Applied Arts a student must complete the following courses to the satisfaction of the faculty and must complete a comprehensive examination in Crafts.

Third Year

Courses First Semester	Credits	Courses Second Semester	Credits
ART 301.—Design I	3	ART 322.—Sculpture	3
ART 391.—Ancient Art	3	ART 392.—Medieval Art	3
CT. 361.—Lettering and Instrumental Drawing	3	CS. 382.—Crafts II	3
CS. 381.—Crafts I	3	CS. 383.—Jewelry and Metalwork	3
Approved Electives	6	Approved Electives	6
	18		18

Fourth Year

Courses First Semester	Credits	Courses Second Semester	Credits
ART 493.—Art of the Renaissance	3	ART 494.—Modern Art	3
CS. 481.—Ceramics I	6	CS. 482.—Ceramics II	6
CS. 483.—Special Problems in Crafts	3	CS. 484.—Special Problems in Crafts	6
PG. 414.—Graphic Arts	3	Approved Elective	3
Approved Elective	3		
	18		18

THE COLLEGE OF ARTS AND SCIENCES

General Statement

Culturally and historically the College of Arts and Sciences represents the core of all higher education. It grants its graduates the traditional Bachelor of Arts and Bachelor of Science degrees.

It makes its contribution to the work of the world not only through the many facts and skills it imparts but also by providing the student with the fundamental knowledge upon which the professional colleges build.

A major aim of the College is liberal education. To this end it insists on evaluations of ideas and actions according to their impact on society. Intellectual inquiry is emphasized as a preparation for more competent living and the development of human leadership.

SUBJECT-MATTER FIELDS

The subject-matter fields regularly offered to students in the College of Arts and Sciences are:

Anthropology
Art
Astronomy
Bacteriology
Biology
Botany
Chemistry
Economics
*Education
English
French
Geography
Geology
German
Greek
History
Home Making
Italian
Journalism
Latin
Library Science
Mathematics
Meteorology
*Music
Philosophy
Physics
Political Science
Portuguese
Psychology
Religion
Russian
Sociology
Spanish
Speech

*Credit which may be offered for degree is limited. Detailed information may be obtained at the Office of the Dean.

ADVISEMENT PANEL

The College of Arts and Sciences maintains an Advisement Panel composed of faculty members representing each area of specialization offered by the College. Members of this panel are available for student conferences at regular hours each week. Each student registered in the College is given at least one regular appointment with his adviser each semester for the purpose of arranging his program for the next semester. However, students may see their adviser as often as is necessary. University College students planning to graduate from the College of Arts and Sciences should request the assignment of an adviser as early as possible in their university programs. Information regarding the advisement panel is available at the Office of the Dean.

PLACEMENT SERVICE

The facilities of the University Placement Office are available for the use of all interested students in the College of Arts and Sciences. It is suggested that students wishing to utilize the resources of this placement service report directly to the Office of the Dean of Student Personnel.

The Placement Office also provides assistance in preparing application materials for admission to graduate schools.

ADMISSION

To enter the College of Arts and Sciences students are required to present a certificate of graduation from the University College and to be certified by the Board of University Examiners as qualified to pursue the work of the College.

If a student has completed the work of the University College and does not meet these admission requirements, he may register in the University College for a program of Arts and Sciences courses prescribed by a member of the Advisement Panel of the College of Arts and Sciences. If, at the end of the semester, he has shown unmistakably that he is capable of doing this work, he will be regularly admitted to the College of Arts and Sciences. If his work in this trial program is poor, his admission will be finally denied.

Transfer students who wish to enter the College of Arts and Sciences are referred to the Board of University Examiners in accordance with the provisions of the section of this catalog entitled Admissions.

REQUIREMENTS FOR DEGREES

Degrees of Bachelor of Arts and Bachelor of Science: The programs which lead to the degrees Bachelor of Arts or Bachelor of Science are alike in all basic requirements. The requirements for graduation with either of these degrees are as follows:

A minimum of sixty-four semester hours credit with an average of C in all work transferred to or completed in the College. In case a course is repeated, only the last grade will be considered in determining the average. In this work must be included (1) either a Departmental Major or a Group Major as described below, (2) satisfaction of the Language Requirement as described below, and (3) at least twelve semester hours, selected with the approval of the student's adviser, in departments other than those which contribute to the Major or the Language Requirement.

The degree Bachelor of Arts will be conferred upon those who fulfill the requirements for degrees with majors in one or more of the fields of Anthropology, Art, Economics, English, French, German, Greek, History, Italian, Latin, Library Science, Music, Philosophy, Political Science, Portuguese, Religion, Sociology, Spanish, and Speech.

The degree Bachelor of Science will be conferred upon those who fulfill the requirements for degrees with majors in one or more of the fields of Astronomy, Bacteriology, Biology, Botany, Chemistry, Geology, Meteorology, and Physics.

The degree of Bachelor of Arts or Bachelor of Science will be conferred upon those who fulfill the requirements for the degree with majors in one or more fields of Geography, Mathematics, and Psychology according as their remaining courses are selected predominantly from the other fields which lead to either one or the other degree.

The Departmental Major: Many students desire to specialize in some one subject-matter field. Such students should undertake to earn a departmental major. A departmental major consists of two parts, as follows: (1) Concentration consisting of not less than twenty-four and not more than thirty-two semester hours in one subject-matter field. This field is called the student's major field. Work in this field taken in the University College or transferred to the University from another institution is included

in evaluating the student's record for this requirement. No courses in the major field in which the grade earned is below C will be counted toward fulfillment of this requirement.

(2) Such subsidiary courses from subject-matter fields other than the major field as are essential.

Departments of instruction in the College which offer departmental majors* are Art, Bacteriology, Biology, Botany, Economics, English, French, Geography, Geology, German, Greek, History, Latin, Mathematics, Meteorology, Philosophy, Physics, Political Science, Psychology, Religion, Sociology, Spanish, and Speech.

The Group Major: Group majors are provided for those students who do not desire the intensive concentration provided by a departmental major. The group major should not be taken by students planning to do graduate work.

A group major consists of a total of not less than fourteen and not more than sixteen *semester courses* selected from a group of three related subject-matter fields, with at least four and not more than six semester courses in each.** No courses in any of these major fields in which the grade earned is below C will be counted toward the fulfillment of this requirement.

Departments of Instruction in the College which offer group majors are Anthropology, Art, Astronomy, Bacteriology, Biology, Botany, Chemistry, Economics, English, French, Geography, Geology, German, Greek, History, Italian, Latin, Library Science, Mathematics, Meteorology, Music, Philosophy, Physics, Political Science, Portuguese, Psychology, Religion, Sociology, Spanish, and Speech.

Foreign Language Requirement: All candidates for degrees awarded by the College of Arts and Sciences are required to have a reading knowledge of some foreign language. This requirement may be satisfied by examination or by the successful completion of six semester hours of work in a foreign language in courses numbered above 200.

When a student elects a foreign language as a departmental major he is not required to present a reading knowledge in another foreign language. When a student elects a foreign language as one of the components of a group major, he may also satisfy the foreign language requirement by completing twelve semester hours of work in the same language in courses numbered above 200.

In preparing to meet the foreign language requirement, students are advised to complete the necessary courses in the secondary school, or in the University College, where such courses may be taken as electives.

Elective Requirement: The philosophy of the College of Arts and Sciences stresses the importance of an informed acquaintance with the major areas of human knowledge as well as a specialized preparation in one of these areas. In addition, therefore, to prescribing a certain specialization, the College also requires that each student complete at least twelve semester hours in courses unrelated to the area of his specialization or the language in which he satisfies his foreign language requirement. Students are advised to regard this requirement as a minimum and to plan a broad program in the College as a liberal background for their specialization.

Bachelor of Science in Chemistry: The Department of Chemistry does not offer a departmental major. In addition to a group major including chemistry as a component, a special curriculum is offered leading to the degree "Bachelor of Science in Chemistry". This curriculum is designed for students who desire to make chemistry their vocation.

---

* For specialization in Chemistry see the section below on requirements for the degree "Bachelor of Science in Chemistry."

** In the field of Music the group major is not designated in terms of number of courses but requires twenty four semester hours.

The requirements for this degree are as follows:

(1) Credit must be presented in each of the following courses:

CY. 105-106	General Chemistry and Qualitative Analysis	8
CY. 205-206	Quantitative Analysis	8
CY. 301-302	Organic Chemistry	8
CY. 401-402	Physical Chemistry	6
CY. 405-406	Physical Chemistry	2
CY. 411	Advanced Inorganic Chemistry	3
*CY. 412	Advanced Physical Chemistry	3
*CY. 413	Colorimetry	3
CY. 414	Advanced Organic Chemistry	4
*CY. 415	Biochemistry	3
*CY. 416	Industrial Chemistry	3
CY. 481-482	Chemical Literature	1
PS. 205-206	General Physics	6
PS. 207-208	Physics Laboratory	2
MS. 105-106	Basic Mathematics	8
MS. 353-354	Differential and Integral Calculus	8
GN. 33-34	First-Year German	6
GN. 201-202	Second-Year German	6
EH. 355	Business Writing	3

*Two of these four courses are to be taken.

(2) At least twenty-five additional semester hours outside of the field of Chemistry, to be selected with the approval of the Dean.

(3) A student must earn a total of at least 78 semester hours in the Upper Division.

No grade below C in any course in Chemistry will be counted for the degree. No course in Chemistry other than those listed in (1) above, or equivalent, may be counted for this degree.

Students studying in this curriculum may carry 19.5 hours in their senior year if they have qualified for a nineteen-hour load.

GRADUATION WITH HONORS AND HIGH HONORS

For graduation *With Honors* a student must earn an honor point average of 3.2 or greater in the work of the Upper Division. No grade earned by repeating a course may be considered in computing the honor point average for determining eligibility for honors.

The regulations concerning graduation *With High Honors* are administered by a committee of the faculty of the College. This committee invites students with sufficiently meritorious scholastic record to take a high honors examination designed to test: the student's grasp of great events, achievements and personalities in the general fields of human interest; the student's comprehension and grasp of his major field; and the student's initiative, thoroughness and accuracy. Recommendation for graduation *With High Honors* is based upon excellence in the high honors examination, honor point average, distribution and quality of subject-matter studied, and evaluation of the student by his teachers.

GENERAL REGULATIONS

Student Responsibility: Each student must assume full responsibility for registering for the proper courses and for fulfilling all requirements for his degree.

Seniors must file formal application for a degree in the Office of the Registrar and must pay the graduation fee early in the semester in which they expect to receive the degree; the official calendar shows the latest date on which this can be done.

Each student is responsible for completing all courses for which he is registered. Courses can be dropped or changed without penalty only through the offices of the Dean of the College and the Registrar.

The student's program of studies is subject to the approval of his adviser and the Dean.

Maximum and Minimum Loads: Sixteen or seventeen semester hours in any regular semester shall be considered a normal load. A student may be permitted to register for eighteen or nineteen semester hours when, in the opinion of his adviser, the quality of his record justifies this.

The minimum load for a regular full-time student in the College of Arts and Sciences during a regular semester is twelve hours. At the time of registration, a student, with the approval of the Dean, may register for less than twelve semester hours. If a student wishes to drop courses during the semester thereby reducing his load below twelve semester hours, he must have the approval of the University Senate Committee on Student Petitions.

Credit for Course Work Outside the College: Ordinarily a student's credits for a degree in the College of Arts and Sciences are limited to courses in the subject-matter areas listed at the beginning of this section. However, on the recommendation of the student's adviser and with the approval of the Dean, a student may present a maximum of six semester hours of elective work for his degree from courses in subject-matter areas not listed under the College of Arts and Sciences.

Residence Requirement: The last thirty semester hours to be applied toward a degree must be completed in residence in the College of Arts and Sciences. In special cases this requirement may be waived, but in no case may the amount of extension or correspondence work permitted exceed more than twelve of the last thirty-six hours required for the degree.

Student Petitions: If a student feels that the College regulations work a peculiar hardship or injustice in his case, he may petition for waiver of the regulation involved. Information on procedure in submitting such petitions is available in the Office of the Dean.

University Student Regulations: The University issues a bulletin entitled *Student Regulations* which contains much information of essential importance to any student. For example, the general regulations governing military training and student employment are covered. Each student in the College of Arts and Sciences should be familiar with this material. Copies of the bulletin may be obtained at the Office of the Registrar.

SPECIAL CURRICULA

Pre-Professional Training: The College of Arts and Sciences offers pre-professional training necessary for admission to professional schools of Theology, Medicine, Dentistry, Law, and Library Science. Students interested in preparing for advanced training in one of these areas will be referred to an appropriate adviser.

American Areas Studies Program: This program is designed to give the student a core of information about the culture of the United States. The student is urged to start the program in the University College during his freshman year. The program leads to the degree of Bachelor of Arts.

Prerequisites:

Successful completion of the requirements of the University College for graduation and credit as indicated in the following fields:

Foreign Language	12 hours
World History Survey (HY. 323-325)	7 hours
English Literature (EH. 217-218)	6 hours

In case all these requirements have not been met in the University College the student may be admitted to the program with the approval of the chairman of the Area Studies Program in the College of Arts and Sciences.

Requirements:

HY. 245-246, Survey of American History	6 hours
ES. 205-206, Economic Foundations of Modern Life	6 hours
EH. 401-402, American Literature	6 hours
PPY. 409-410, History of Philosophy	6 hours
PCL. 301, American Government and Politics	3 hours
SY. 241, Sociological Foundations of Modern Life	3 hours
ES. 208, Economic History of the United States	3 hours
GPY. 381, Geography of the Americas	3 hours
RN. 242, Religious Foundations of Modern Life (Religions in America)	3 hours
Electives	24 hours

Sufficient courses are required in one department to complete a departmental major of 24 hours in the College of Arts and Sciences; or 14 semester courses in three departments are required to meet the requirements of the group major in the College of Arts and Sciences. For assistance in selecting major programs students should consult the chairman of the Supervisory Committee, Prof. Harry R. Warfel.

Latin American Area Studies Program: The University of Florida, in the hope of strengthening the State's leadership in Latin American affairs, offers a program of studies in this field. Students should begin this program in the University College. In continuing the program in the College of Arts and Sciences, students should select a group major from the subject-matter areas concerned. For assistance in choosing a group major the student should consult the Chairman of the Supervisory Committee, Dr. F. C. Hayes.

Prerequisites:

Successful completion of the requirements of the University College for graduation and the indicated credit in the following fields:

Spanish (Courses numbered from SH. 201 up)	6 hours
ES. 205-206, Economic Foundations of Modern Life	6 hours
HY. 323, Early Modern Europe and HY. 325, Nineteenth Century Modern Europe, or	
HY. 245-246, Survey of American History	6 hours

Required Courses:

Latin-American Literature (SH. 411-412)	6 hours
Colonial Latin-American History (HY. 371)	3 hours
Modern Latin-American History (HY. 372)	3 hours
Latin-American Civilization (SH. 469†-470)	6 hours
Geography of the Americas (GPY. 295)	3 hours
Industries and Trade of Latin America (ES. 296)	3 hours

Electives:

At least six semester hours must be chosen from the following courses:

History: 472, 476, 474, 475, 427, 428, 477
Spanish: 305, 306, 307, 308, 323*, or any courses in the 400's with the permission of the Chairman of the Supervisory Committee of the Latin American Area-Studies Committee.
Portuguese: 33-34, 201-202, 303-304
Geography: GPY. 385, GPY. 386
Sociology: 364, 365
Art: 396
Music: 315
Political Science: 440, 441, 442

† SY. 364 may be substituted for SH. 469.
* Students may not receive credit for both SH. 323 and SH. 305-306.

At least twelve semester hours of elective credit must be elected from subject-matter areas other than those listed.

The Curriculum in Social Administration: This program provides training for beginning workers in social administration and a foundation for those desiring graduate work in this field. The curriculum is so designed that the student is provided with a pre-professional background without sacrificing the advantages of a liberal education.

The Curriculum in Social Administration leads to the degree of Bachelor of Arts and all requirements for this degree must be met. The student has a choice of a departmental major in sociology, with appropriate subsidiary and free elective courses, or a group major taken from three of the following areas: Economics, History and Political Science, Psychology, and Sociology. If a group major is selected, the twelve hours of required free electives must be chosen from courses outside of Economics, History and Political Science, Psychology, and Sociology. University College electives recommended for students preparing to enter the Curriculum of Social Administration include: ATG. 211-212, ES. 203, ES. 205-206, HY. 325, PCL. 301, SY. 241, PSY. 201, SCH. 241.

Students registering in the curriculum are expected to confer with the Chairman of the Committee on Social Administration, Prof. J. M. Maclachlan, and to follow programs of study in conformity with the recommendations of the committee. These programs are designed to meet the requirements for Certification in Social Administration as well as to meet those for the degree of Bachelor of Arts.

Pre-Professional Training in International Affairs is designed to prepare the student for United States Department of State examinations for the position of Foreign Service Officer. The United States Department of State endorses no particular courses, but the requirements of the examinations have been carefully studied in preparing this sequence of courses. Because of the highly competitive nature of this examination and the relatively small number of vacancies it has been found that unless students have an average of 3.5 or better (approximately one half A's and one half B's), they are not likely to qualify.

Training for careers in international affairs (including the United Nations, the specialized agencies, and private international organizations) is similar to the foreign service training except that the command of one or more foreign languages is essential.

For specific requirements for the Foreign Service Examinations the student should consult Dr. F. H. Hartmann.

It is important that in the University College the student start at least one foreign language and take other courses listed to complete his electives. Attention is called to the fact that much of the examination is general, covering the material of the University College courses, and that the successful completion of C-1, C-2, C-3, C-4, C-5, and C-6 is required. In addition, the following courses are recommended. In most instances these are minimum programs, and additional courses may be elected. If the courses listed cannot be completed by the time the B.A. degree requirements are met, an additional year's study leading to the M. A. degree is recommended.

Geography:

GPY. 203 and 204—Elements of World Geography, I and II	6 hours
or	
GPY. 381—Economic Geography of Anglo-America	3 hours
GPY. 385—Economic Geography of South America	3 hours
GPY. 486—Economic Geography of the Far East	3 hours
GPY. 487—Economic Geography of Europe	3 hours

History:

HY. 245-246—Survey of American History	6 hours
HY. 323-325—History of the Modern World	7 hours
optional	
HY. 371-372—Latin American History	6 hours

Political Science:

PCL. 301-302—American Government and Politics	6 hours
PCL. 309-310—International Relations	6 hours
PCL. 407-408—Governments of Europe	6 hours
PCL. 403-404—International Law (optional)	6 hours
PCL. 409 —American Foreign Policy	3 hours
PCL. 425—International Organization	3 hours

Economics:

ES. 205-206—Economic Foundations of Modern Life	6 hours
ES. 203 —Elementary Statistics	4 hours

English:

EH. 401-402—American Literature	6 hours
EH. 217-218—Literary Masters of England	6 hours

Foreign Languages:

At least 18 hours in one language is required and, if possible, 18 hours in a second should be taken. Recommended languages include French, Spanish, German, Russian and Portuguese.

Programming and Production Curriculum in Radio Broadcasting: This program, offered in the College of Arts and Sciences, is one of three curricula in radio broadcasting available to students at the University. For detailed information regarding these curricula, the student is referred to the section of this Catalog entitled "Curricula in Radio Broadcasting".

Specialization in the Fine Arts: Students registered in the College of Arts and Sciences may elect certain courses offered in the College of Architecture and Allied Arts as a departmental major in art or as a component part of a group major leading to the Bachelor of Arts degree. Students interested in these programs should consult Professor Hollis H. Holbrook for the approval of major courses.

Students interested in programs of study in music may elect a major in Fine Arts which will include a maximum of twenty-four hours of credit in music and subsidiary courses to be selected in the areas of art, language, or literature. Music may also be elected as a part of a group major. Students should consult Professor Arnold E. Wirtala for approval of music courses. Students should understand that under existing Board of Control regulation no more than twenty-four semester hours credit in music transferred to or taken in residence in the University of Florida may be applied toward any degree.

CHAIR OF AMERICANISM

Through the generosity of the American Legion, Department of Florida, which has provided a fund of $40,000 for this purpose, supplemented by legislative appropriation, there is maintained a Professorship in the Department of History of the College of Arts and Sciences known as the "Chair of Americanism". This Chair was established to present courses and lectures on American ideals, American government, American institutions, and American citizenship.

The Professor of Americanism teaches courses in American History and promotes special programs on American ideals. Although the University requires all freshmen to take an eight credit, two semester course entitled, "American Institutions", a number of additional courses in American History are offered as electives. One course, "The Growth of American Democracy", is taught by the Professor of Americanism, and in it special attention is given to the development of American ideals as contrasted to the ideologies of other countries. The central theme in all American History courses is the struggle of the people of the United States for a more perfect democracy.

Part of the income from the endowment of the Chair of Americanism is used to bring outstanding Americans to the University of Florida for a series of addresses on the theme of American traditions. Freshmen and sophomores are required to attend these lectures on the American Way of Life; and many of the lectures are published and distributed as a part of the Americanism program of the University. In addition, the Chair of Americanism provides the means whereby faculty members of the University of Florida can address business, professional, and service clubs and emphasize the traditions and ideals of the United States to adult groups throughout the State of Florida.

THE COLLEGE OF BUSINESS ADMINISTRATION

GENERAL STATEMENT

The College of Business Administration of the University of Florida was organized in 1926-27 to meet the needs of Florida business. The purposes of the College of Business Administration are five in number: First, to provide students with the fundamentals of business; second, to prepare them to become business leaders and executives; third, to train them to serve as business technicians—accountants, economists, statisticians, sales and market specialists and research workers; fourth, to develop students—at least some students—into prospective business leaders; and fifth, to prosecute projects of research.

The operations of business enterprise in recent years have become increasingly complex in character. They have ceased to be simple and localized; they have become intricate and highly involved—state-wide, nation-wide, world-wide. To manage business concerns and to make money, broad training is necessary. The principles upon which the economic system functions, the forms of business units, the ramifications of production and of markets, the services of transportation and communication, the impact of taxation, the methods of financing—all require consideration. Those who expect to be business owners and managers or who desire to serve as business specialists must be provided with training in fundamentals—professional training in fundamentals.

The College of Business Administration is organized toward this end. It does not turn out finished business men—managers, executives and department heads. While it supplies its graduates with some skills and gives them a basic understanding, it does not equip them to start at the top. They must start lower down—even at the bottom—and by actual contacts and experience rise to the top—rise more quickly and even more surely than they would be able to rise without such training. Business today demands intensive study. It requires not only experience but also scientific training.

Instruction in Public Administration is designed to provide analysis of the basic principles of government. Its purpose is to prepare students for public service occupations. Government has become increasingly complex and requires personnel thoroughly trained in political science, economics, history, and other related sciences. The program of training offered supplies basic courses in these fields. It does not equip students with specific skills; it is designed to provide them with broad training in the structure and functions of government and to prepare them for readier entry into public life and occupations.

SCHOLARSHIPS AND ASSISTANTSHIPS

Graduate assistantships are available for students working toward the degree of Master of Business Administration, Master of Arts in economics, and Doctor of Philosophy in economics. Information about these assistantships may be obtained from the Chairman of the Committee on Graduate Offerings and Degrees.

Likewise, student assistantships are available to undergraduates. Inquiries concerning these student assistantships should be made to the Chairman of the Committee on Student Assistantships.

Beta Gamma Sigma Scholarship. This scholarship amounts to $200 annually, payable $100 each semester, and is to be awarded to a student with at least a B average registering in the College of Business Administration or Graduate School provided the student is pursuing graduate work with a major in a field of the College of Business Administration. The award will be made on the basis of character, scholarship, and

need by a committee composed of members of the Fraternity. Application should be made on or before October 10th through the Dean of the College of Business Administration.

Scholarships in Real Estate are available as follows:

Tampa Board of Realtors Scholarship. This scholarship amounts to $240 annually and is to be awarded to a student from Hillsborough County pursuing the curriculum in real estate selected by the Scholarship Committee of the Tampa Board of Realtors. The need of the applicant as well as scholarship will be taken into consideration. Application for this scholarship may be made to the Scholarship Committee of the Tampa Board of Realtors through the Department of Real Estate.

Winter Haven Board of Realtors Scholarship. This scholarship, which is given in 1951-52 and which amounts to $240, is given by the Winter Haven Board of Realtors to a student from the Greater Winter Haven area who has attended the Winter Haven High School and who is pursuing the curriculum in real estate. The scholarship is awarded by the Principal of the Winter Haven High School with the approval of the Board of Directors of the Winter Haven Board of Realtors. The need of the applicant as well as scholarship will be taken into consideration. Application for the scholarship may be filed either with the Dean of the College of Business Administration or with the Principal of the Winter Haven High School.

Greater Daytona Beach Board of Realtors Scholarship. This scholarship amounts to $240 annually and is to be awarded to a student from Greater Daytona Beach pursuing the curriculum in real estate. The student will be selected by the Principal of the Daytona Beach High School. The need of the applicant as well as scholarship will be taken into consideration. Application for the scholarship may be filed either with the Dean of the College of Business Administration or with the Principal of the Daytona Beach High School.

Jacksonville Board of Realtors Scholarship. This scholarship amounts to $240 annually and is to be awarded to a student from Duval County pursuing the curriculum in real estate selected by the University Scholarship Committee. In the event no student from Duval County applies for the scholarship, it is to be awarded to a student living anywhere in the state of Florida. The need of the applicant as well as scholarship will be taken into consideration. Application for this scholarship may be made to the Scholarship Committee through the Dean of the College of Business Administration.

The Keyes Scholarship in Real Estate. This scholarship which amounts to $240 is offered annually by the Keyes Company of Miami. It is awarded by the University Scholarship Committee to a student from Dade County who is pursuing the curriculum in real estate. The need of the applicant as well as scholarship will be taken into consideration. Applications therefor should be made to the Dean of the College of Business Administration.

Orlando Board of Realtors Scholarship. This scholarship amounts to $240 annually and is to be awarded to a student from Orange County pursuing the curriculum in real estate selected by the University Scholarship Committee. In the event no student from Orange County applies for the scholarship, it is to be awarded to a student living anywhere in the state of Florida. The need of the applicant as well as scholarship will be taken into consideration. Application for this scholarship may be made to the Scholarship Committee through the Dean of the College of Business Administration.

Lakeland Board of Realtors Scholarship. This scholarship amounts to $240 annually and is to be awarded to a student from Polk County pursuing the curriculum in

real estate selected by the University Scholarship Committee. In the event no student from Polk County applies for the scholarship, it is to be awarded to a student living anywhere in the state of Florida. The need of the applicant as well as scholarship will be taken into consideration. Application for this scholarship may be made to the Scholarship Committee through the Dean of the College of Business Administration.

Jay Hearin Scholarship. This scholarship, which is offered for 1951-52, and which amounts to $240, is given by Jay Hearin of Tampa. It is awarded by the University Scholarship Committee to any student living anywhere in Florida who is pursuing the curriculum in real estate. The need of the applicant as well as scholarship will be taken into consideration. Application for this scholarship should be made to the Dean of the College of Business Administration.

St. Petersburg Board of Realtors Scholarship. This scholarship amounts to $240 annually and is to be awarded to a student from Pinellas County pursuing the curriculum in real estate selected by the University Scholarship Committee. The need of the applicant as well as scholarship will be taken into consideration. Application for this scholarship may be made to the Scholarship Committee through the Dean of the College of Business Administration.

Gainesville Board of Realtors Scholarship. This scholarship amounts to $240 annually and is to be awarded to a student from Alachua County who is a former member of the Boys' Club and who is pursuing the curriculum in real estate. The need of the applicant as well as scholarship will be taken into consideration. Application for this scholarship may be made through the Department of Real Estate.

Stephen F. McCready Scholarship. This scholarship amounts to $240 annually and is to be awarded to a student from Marion County pursuing the curriculum in real estate. The need of the applicant as well as scholarship will be taken into consideration. Application for this scholarship may be made through the Department of Real Estate.

BUREAU OF ECONOMIC AND BUSINESS RESEARCH

There is established in the College of Business Administration a Bureau of Economic and Business Research. One of the major purposes of this Bureau is to carry out research undertakings designed to contribute to economic and business knowledge, with primary emphasis upon the economy of Florida and the Southeast. A second major aim looks to the future participation of the faculty members of the Bureau staff in the curriculum for graduate training offered by the College of Business Administration and in this way to provide opportunity for graduate students to engage in specific research projects. From time to time work may be undertaken permitting a similar opportunity to undergraduate students.

The Bureau publishes the results of its research undertakings as these are completed. It also issues a monthly publication, *Economic Leaflets.*

MEMBERSHIP IN NATIONAL AND REGIONAL ASSOCIATIONS

The College of Business Administration is a member of the American Association of Collegiate Schools of Business and of the Southern Economic Association.

PLACEMENT OF GRADUATES

While the College of Business Administration does not obligate itself to secure positions for its graduates, it operates a placement service and does everything it can to assist students in securing employment after graduation.

BETA GAMMA SIGMA

Election to this national honorary society is based on scholarship and character. It fills the place in education for business that the society of Phi Beta Kappa holds in the field of classical education. Duly elected members have the right to wear the *insigne* of the society—the Beta Gamma Sigma gold key. For further information apply to the Office of the Dean.

PROFESSIONAL ORGANIZATIONS AND CLUBS

There are three professional fraternities who elect members from students in the College of Business Administration. These are Alpha Kappa Psi and Delta Sigma Pi in commerce and business and Beta Alpha Psi in accounting. Several clubs also give students with specialized interest an opportunity to participate in their activities. These clubs are The Real Estate Club, The Insurance Club, The Marketing Club and The Advertising Club. The latter named draws its membership from other colleges as well as from the College of Business Administration. A student chapter of the Society for Advancement of Management elects its membership from both this College and the College of Engineering.

MAXIMUM CREDIT LOADS OF STUDENTS

The maximum credit loads of all students registered for the curriculum in Public Administration as well as for the curriculum in Business Administration proper during each of their first two semesters (first year) shall be 15 academic semester hours (9 in summer session). However, these students may increase their credit loads to 18 academic semester hours during their first semester, provided they have graduated from the General College with honors; likewise, they may increase their credit loads to 18 academic semester hours during their second semester, provided they have attained an honor point average of 3 (B) or more in the preceding semester. The maximum credit load of all students after their first two semesters is limited to 18 academic semester hours. The minimum requirement for graduation from the College of Business Administration is 66 semester hours on which the student must earn an average of C or better.

Of the 66 semester credit hours required for graduation, not more than six semester credit hours may be earned by correspondence or extension study. Such credit hours, furthermore, must be approved for each individual student in advance by the Committee on Curricular Adjustments.

GRADUATION WITH HONORS

To graduate *With Honors,* a student must have graduated from the University College with honors and completed the work of the Upper Division with an average of 3.2 or higher, or in lieu of graduation from the University College with honors, have completed the work of the Upper Division with an average of 3.4 or higher. To graduate *With High Honors,* a student must have graduated from the University College with honors and completed the work of the Upper Division with an average of 3.5

or higher, or in lieu of graduation from the University College with honors, have completed the work of the Upper Division with an average of 3.65 or higher, and receive an affirmative vote from the faculty of the College. All students who graduate *With Honors* or *With High Honors* shall have completed a minimum of 45 hours in the Upper Division of this College. In calculating requirements for graduation *With Honors* or *With High Honors,* all courses taken except transfer credits will be used.

UNDERGRADUATE DEGREES AND CURRICULA

The College of Business Administration offers two undergraduate degrees: The Bachelor of Science in Business Administration and the Bachelor of Science in Public Administration. To secure the first named degree students must complete either the curriculum in Business Administration proper or the curriculum in Combination with Law. To secure the second named degree they must complete the Curriculum in Public Administration.

GRADUATE DEGREES

Courses are offered in the Graduate School leading to the degree of Master of Business Administration, the degree of Master of Arts with a major in economics and to the degree of Doctor of Philosophy. For requirements for these degrees consult the section of this catalog entitled The Graduate School.

ADMISSION REQUIREMENTS

Students will be admitted to the College of Business Administration who have fulfilled the following requirements:

1. Completion of the requirements of the University College with an academic average of 2.0. This must include:
   (a) All required University College courses (C-1, C-2, C-3, C-41, C-42, C-5 and C-6 or satisfactory substitutes therefor), with a passing grade on each.
   (b) All required foundation courses, with a passing grade on each, which include the following:

   ES. 205-206 —Economic Foundations of Modern Life
   ATG. 211-212—Elementary Accounting
   ES. 203 —Elementary Statistics
   MS. 208 —Business Mathematics

2. A Committee on Admissions will consider requests for admission from students who do not meet the conditions stated above. Admission without the required average, however, will be approved only in exceptional cases.

CURRICULUM IN BUSINESS ADMINISTRATION PROPER

The Curriculum in Business Administration Proper is divided into fifteen groups or programs of studies. Each student is required to select and complete one of these groups or programs. Of sixty-six semester hours required for graduation, from thirty-nine to fifty-one hours are prescribed. Where adequate cause therefor is shown students may by petition in some cases substitute other courses in economics and business administration for these prescribed courses. The remaining hours in each group are

approved electives. Of these hours, twelve may consist of courses offered outside the College of Business Administration, including six semester hours in advanced military science.

I. ACCOUNTING

This curriculum is designed to train students in the basic elements of accounting and to provide them with general preparation in three major fields of accounting: Public, private, and governmental. James S. Lanham, Adviser.

Junior Year

First Semester		Second Semester	
ATG. 311.—Accounting Principles	3	ATG. 312.—Accounting Principles	3
BS. 401.—Business Law	3	BS. 402.—Business Law	3
ES. 321.—Money and Banking	3	ES. 327.—Public Finance	3
ATG. 313.—Cost Accounting	3	Accounting Elective*	3
Approved Elective	3	Approved Elective	3
	15		15

*Accounting Electives: ATG. 417—Governmental Accounting; ATG. 413.—Advanced Accounting Systems; ATG. 419.—Controllership Accounting.

Senior Year

ATG. 411.—Advanced Accounting	3	ATG. 412.—Principles of Auditing	3
BS. 427.—Corporation Finance	3	or	
ES. 407.—Economic Principles and Problems	3	ATG. 416.—Internal Auditing	(3)
Accounting Elective*	3	ES. 408.—Economic Principles and Problems	3
Approved Electives	6	Accounting Elective*	3
	18	Approved Electives	9
			18

*Accounting Electives: ATG. 415.—Corporate Accounting Problems; ATG. 418.—Advanced Accounting, C.P.A. Problems; ATG. 414.—Income Tax Procedure; ATG. 412.—Principles of Auditing; ATG. 416.—Internal Auditing.

The choice of all electives depends upon the student's interest in the public, private, or governmental accounting fields and should be determined in consultation with the accounting adviser.

II. BANKING AND FINANCE

This curriculum is designed for those students who plan to go into commercial or investment banking or into other types of financial institutions. John B. McFerrin, Adviser.

Junior Year

First Semester	Credits	Second Semester	Credits
ES. 321—Money and Banking	3	ES. 421—Advanced Money and Banking	3
ES. 327—Public Finance	3	BS. 231—Principles of Marketing	3
BS. 401—Business Law	3	BS. 402—Business Law	3
ES. 351—Elements of Transportation	3	ES. 477—Problems in Federal Finance	3
Approved Electives	3	Approved Electives	3
	15		15

Senior Year

	Credits		Credits
ES. 407—Economic Principles and Problems	3	ES. 408—Economic Principles and Problems	3
BS. 422—Investments	3	BS. 420—Bank Management	3
BS. 427—Corporation Finance	3	BS. 424—Investment Analysis	3
Approved Electives	9	BS. 428—Corporation Finance	3
		Approved Electives	6
	18		18

III. REAL ESTATE

This curriculum is designed to prepare students to enter general real estate business or any one of its special branches. These special branches are valuation, finance, management, and brokerage. James E. Chace, Adviser.

Junior Year

First Semester	Credits	Second Semester	Credits
RE. 291—Real Estate Fundamentals	3	RE. 390—Property Valuation	3
RE. 393—Urban Land Utilization	3	RE. 392—Problems in Real Estate Brokerage	3
BS. 260—Fundamentals of Insurance	3	ES. 321—Money and Banking	3
ES. 327—Public Finance	3	ES. 351—Elements of Transportation	3
Approved Electives*	3	Approved Electives*	3
	15		15

Senior Year

ES. 407—Economic Principles and Problems	3	ES. 408—Economic Principles and Problems	3
RE. 490—Real Estate Appraising	3	RE. 391—Property Management	3
RE. 491—Principles and Problems of City Planning	3	RE. 492—Real Estate Finance	3
BS. 401—Business Law	3	RE. 493—Real Estate Law	3
Approved Electives*	6	Approved Electives*	6
	18		18

*Suggested Electives: BS. 231, Principles of Marketing; BS. 233, Salesmanship; BS. 365, Fire Insurance; BS. 366. Casualty Insurance; BS. 433, Advertising; BS. 482, Fidelity and Surety Bonding; ES. 382, Principles of Resource Utilization and RE. 295, Housing and Home Ownership.

IV. MARKETING

Program A — General Marketing

This program is designed for students who wish a broad general knowledge of the field or who wish to postpone specialization in some phase of distribution until their graduate work. It is also designed for students who wish to study marketing but have not decided definitely upon their specific vocational objective. Henry D. Brohm, Adviser.

Junior Year

First Semester		Second Semester	
BS. 231.—Principles of Marketing	3	BS. 402.—Business Law	3
ES. 321.—Money and Banking	3	BS. 437.—Retailing	3
BS. 401.—Business Law	3	BS. 433.—Advertising	3
BS. 233.—Salesmanship	3	ES. 327.—Public Finance	3
Approved Electives*	3	Approved Electives*	3
	15		15

Senior Year

ES. 407.—Economic Principles and Problems	3	ES. 408.—Economic Principles and Problems	3
Approved Electives*	15	Approved Electives*	15
	18		18

*Eighteen hours of electives must be taken from the following marketing or related courses. Of the remaining approved electives, twelve may consist of courses offered outside the College of Business Administration, including six semester hours of advanced military science.

AS. 408.—Marketing of Fruits and Vegetables
BS. 271.—Industrial Management
BS. 334.—Sales Management
BS. 326.—Credits and Collections
BS. 430.—Wholesaling
BS. 434.—Advertising Problems
BS. 438.—Sales and Market Analysis

BS. 439.—Merchandising
BS. 448.—Foreign Trade Techniques
BS. 450.—Small Retail Store Management
BS. 451.—Traffic Management: Rates and Ratemaking
BS. 452.—Traffic Management: Service and Service Regulation
BS. 459.—Field Work in Marketing
BS. 474.—Purchasing
ES. 347.—Principles of Foreign Trade
ES. 351.—Elements of Transportation

Program B — Retailing

This curriculum is designed for students whose primary interest in marketing is retailing, both as owner and employee. C. W. Emory, Adviser.

Junior Year

First Semester		Second Semester	
BS. 231.—Principles of Marketing	3	BS. 402.—Business Law	3
ES. 321.—Money and Banking	3	BS. 233.—Salesmanship	3
BS. 401.—Business Law	3	BS. 336.—Credits and Collections	3
ES. 327.—Public Finance	3	BS. 433.—Advertising	3
Approved Electives	3	Approved Electives	3
	15		15

Senior Year

ES. 407.—Economic Principles and Problems	3	ES. 408.—Economic Principles and Problems	3
BS. 437.—Retailing	3	BS. 439.—Merchandising	3
BS. 438.—Sales and Market Analysis	3	BS. 450.—Small Store Management	3
Approved Electives	9	Approved Electives	9
	18		18

Program C — Sales and Sales Management

This curriculum is designed for students whose primary interest in marketing is selling or sales management. Frank Goodwin, Adviser.

Junior Year

First Semester		Second Semester	
BS. 231.—Principles of Marketing	3	ES. 327.—Public Finance	3
PSY. 306.—Industrial Psychology	3	BS. 336.—Credits and Collections	3
ES. 321.—Money and Banking	3	BS. 433.—Advertising	3
BS. 233.—Salesmanship	3	BS. 437.—Retailing	3
Approved Electives	3	Approved Electives	3
	15		15

Senior Year

ES. 407.—Economic Principles and Problems	3	ES. 408.—Economic Principles and Problems	3
BS. 334.—Sales Management	3	BS. 373.—Personnel Management	3
BS. 438.—Sales and Market Analysis	3	BS. 402.—Business Law	3
BS. 401.—Business Law	3	BS. 472.—Collective Bargaining	3
Approved Electives	6	BS. 439.—Principles and Problems of Merchandising	3
	18	Approved Electives	3
			18

Program D — Advertising

This curriculum is designed for those students who expect to go into the advertising field or who expect to be concerned with the advertising program of a business. F. K. Hardy, Adviser.

Junior Year

First Semester		Second Semester	
BS. 231.—Principles of Marketing	3	ES. 327.—Public Finance	3
BS. 336.—Credits and Collections	3	BS. 233.—Salesmanship	3
BS. 204.—Business Ethics	3	BS. 433.—Advertising	3
ES. 321.—Money and Banking	3	Approved Electives	6
Approved Electives	3		15
	15		

Senior Year

ES. 407.—Economic Principles and Problems	3	ES. 408.—Economic Principles and Problems	3
BS. 437.—Retailing	3	BS. 434.—Problems in Advertising	3
BS. 401.—Business Law	3	BS. 402.—Business Law	3
BS. 438.—Market Analysis	3	Either JM. 401.—Newspaper Advertising or	
Approved Electives	6	JM. 402.—Radio Advertising	3
	18	Approved Electives	6
			18

Suggested Electives

(Attention is called to the rule limiting the number of hours of electives outside the College of Business Administration to 12 hours.)

ART. 341—Elementary Photography
ART. 342—Advanced Photography
BEN. 81—Introductory Typewriting
BEN. 91—Introductory Shorthand
BEN. 181—Advanced Typewriting
BS. 334—Sales Management
BS. 439—Merchandising
BS. 450—Small Retail Store Management
BS. 459—Field Work in Marketing
CT. 360—Layout
CT. 361—Lettering & Instrumental Drawing
CT. 362—Advanced Design
EH. 355—Business English
EH. 356—Business Report Writing
JM. 315—Typography
PSY. 306—Psychology Applied to Business and Industry
SCH. 241—Effective Speaking
SCH. 321—Radio Programming and Production
SCH. 332—Radio Programming and Production
SCH. 421—Radio Promotion and Sales

V. TRANSPORTATION AND PUBLIC UTILITIES

This curriculum is designed to provide general understanding of the economic and certain practical aspects of the public service or closely regulated industries. The curriculum supplies a background for those students who wish to pursue research in this field or who anticipate employment therein. Truman C. Bigham, Adviser.

Junior Year

First Semester	Credits	Second Semester	Credits
ES. 351—Elements of Transportation	3	ES. 453—Transport Regulation	3
ES. 321—Money and Banking	3	BS. 427—Corporation Finance	3
ES. 327—Public Finance	3	BS. 231—Principles of Marketing	3
BS. 401—Business Law	3	ES. 372—Labor Economics	3
Approved Electives*	3	Approved Electives*	3
	15		15

Senior Year

	Credits		Credits
ES. 407—Economic Principles and Problems	3	ES. 408—Economic Principles and Problems	3
ES. 454—Principles of Public Utility Economics	3	BS. 452—Traffic Management: Service and Service Regulations	3
BS. 444—Ocean Transportation	3	BS. 457—Air Transportation	3
BS. 451—Traffic Management: Rates and Rate-Making	3	Approved Electives*	9
Approved Electives*	6		
	18		18

*Students taking Group V are encouraged to take ES. 483—Geography of Transportation; ES. 556.—Problems in Public Utilities as approved electives.

VI. PUBLIC FINANCE AND TAXATION

This curriculum is designed to train students who are going into the fiscal administration of government, as well as for tax advisory work in private business. Clement H. Donovan, Adviser.

Junior Year

First Semester	Credits	Second Semester	Credits
ES. 327—Public Finance	3	ES. 478—Problems in State and Local Finance	3
ES. 321—Money and Banking	3	ES. 421—Advanced Money and Banking	3
PCL. 301—American Federal Government	3	PCL. 302—American State and Local Government	3
Approved Electives	6	Approved Electives	6
	15		15

Senior Year

	Credits		Credits
ES. 407—Economic Principles and Problems	3	ES. 408—Economic Principles and Problems	3
ES. 477—Problems in Federal Finance	3	ES. 429—Introduction to Business Cycles	3
ES. 351—Elements of Transportation	3	ES. 404—Government Control of Business	3
BS. 401—Business Law	3	Approved Electives	9
Approved Electives	6		
	18		18

VII. FOREIGN TRADE AND ECONOMIC GEOGRAPHY

This curriculum is designed to provide students with an overall view of international trade in its geographic, financial, social and political aspects. It offers courses looking toward possible employment in exporting and importing. Murray W. Shields, Adviser.

Junior Year

First Semester	Credits	Second Semester	Credits
ES. 321—Money and Banking	3	ES. 327—Public Finance	3
ES. 351—Elements of Transportation	3	BS. 444—Ocean Transportation	3
GPY. 381—Economic Geography of Anglo-America	3	GPY. 385—Economic Geography of South America	3
ES. 347—Principles of Foreign Trade	3	BS. 231—Principles of Marketing	3
Approved Electives*	3	Approved Electives*	3
	15		15

Senior Year

	Credits		Credits
ES. 407—Economic Principles and Problems	3	ES. 408—Economic Principles and Problems	3
ES. 485—International Economic Relations	3	BS. 401—Business Law	3
GPY. 487—Economic Geography of Europe	3	ES. 449—International Finance: Foreign Exchange	3
BS. 448—Foreign Trade Technique	3	GPY. 486—Economic Geography of the Far East	3
Approved Electives*	6	Approved Electives*	6
	18		18

VIII. LABOR ECONOMICS

This curriculum is designed to provide students with an understanding of the place and problems of labor in the economy. Clifton Oliver, Jr., Adviser.

Junior Year

First Semester	Credits
ES. 321—Money and Banking	3
ES. 327—Public Finance	3
ES. 372—Labor Problems	3
SY. 303—Problems of American Society	3
Approved Elective	3
	15

Second Semester	Credits
ES. 311—Development of Modern Western Economy	3
ES. 475—Wage Theory and Practice	3
PSY. 306—Industrial Psychology	3
BS. 373—Personnel Management	3
Approved Elective	3
	15

Senior Year

ES. 407—Economic Principles and Problems	3
ES. 409—Economic Systems	3
BS. 401—Business Law	3
BS. 463—Social Insurance	3
Approved Electives	6
	18

ES. 404—Governmental Control of Business	3
ES. 408—Economic Principles and Problems	3
ES. 476—Government and Labor	3
BS. 472—Collective Bargaining	3
Approved Electives	6
	18

IX. BUSINESS STATISTICS*

This curriculum is designed primarily to prepare students for professional work in either government or private business. Students who complete the curriculum should be able to qualify for the rank of junior statistician immediately upon graduation and for the rank of senior statistician as soon thereafter as sufficient practical experience can be acquired. Montgomery D. Anderson, Adviser.

Junior Year

First Semester	Credits
ES. 327—Public Finance	3
ATG. 311—Accounting Principles	3
SY. 447—Social Research and Investigation***	3
Approved Electives**	6
	15

Second Semester	Credits
ES. 321—Money and Banking	3
ES. 466—Economic Statistics	3
ATG. 312—Accounting Principles	3
Approved Electives**	6
	15

Senior Year

First Semester	Credits
BS. 401—Business Law	3
ES. 407—Economic Principles and Problems	3
ES. 469—Business Cycles and Business Forecasting	3
MS. 310—Statistical Methods	3
Approved Electives	6
	18

Second Semester	Credits
ES. 408—Economic Principles and Problems	3
BS. 402—Business Law	3
BS. 464—Statistical Controls for Management	3
ES. 351—Elements of Transportation	3
Approved Electives	6
	18

*Students specializing in Business Statistics are required to take MS. 105-106—Basic Mathematics, preferably in the University College.

**The student is urged but not required to elect MS. 353-354 (Calculus) in his junior year. In case he does elect this eight-hour course he will be allowed to take a total of 16 hours per semester of his junior year.

***BS. 424—Investment Analysis, may be taken in lieu of SY. 447—Social Research and Investigation.

X. ECONOMICS

This curriculum is designed to provide students with a basic core group of courses in Economics, while, at the same time, enabling them to select their electives from among the Business Administration courses. O. E. Heskin, Adviser.

Junior Year

First Semester		Second Semester	
ES. 310—Development of Modern Western Economy	3	ES. 311—Development of Modern Western Economy	3
ES. 321—Money and Banking	3	ES. 327—Public Finance	3
ES. 372—Labor Problems	3	ES. 466—Economic Statistics	3
ES. 351—Elements of Transportation	3	ES. 429—Introduction to Business Cycles	3
Approved electives	3	Approved electives	3
	15		15

Senior Year

First Semester		Second Semester	
ES. 407—Economic Principles and Problems	3	ES. 408—Economic Principles and Problems	3
BS. 427—Corporation Finance	3	ES. 421—Advanced Money and Banking	3
ES. 347—Principles of Foreign Trade	3	ES. 477—Problems of Federal Finance	3
RE. 393—Urban Land Utilization	3	ES. 404—Government Control of Business	3
Approved electives	6	Approved electives	6
	18		18

XI. THE ECONOMICS OF LATIN-AMERICAN TRADE

This curriculum is designed to acquaint students with inter-American business and cultural relationships and to provide them with foundations for work in trade with Latin-American countries. E. C. Collins, Adviser.

Junior Year

First Semester	Credits	Second Semester	Credits
HY. 363—Latin-American History	3	HY. 364—Latin-American History	3
ES. 296—Industries and Trade of Latin-America	3	ES. 327—Public Finance	3
ES. 321—Money and Banking	3	GPY. 385—Economic Geography of South America**	3
*Spanish	3	*Spanish	3
Approved Electives***	3	Approved Electives***	3
	15		15

Senior Year

	Credits		Credits
ES. 347—Principles of Foreign Trade	3	BS. 457—Air Transportation	3
BS. 448—Foreign Trade Techniques	3	ES. 441—Financial Institutions and Fiscal Policies of Selected Latin-American Countries	3
BS. 444—Ocean Transportation	3	ES. 408—Economic Principles and Problems	3
ES. 407—Economic Principles and Problems	3	*Spanish	3
*Spanish	3	Approved Electives***	6
Approved Electives***	3		
	18		18

*Students registered in this curriculum may be excused from the Spanish requirements provided the Dean of the College of Business Administration recommends to the Spanish Department that the students be examined for a reading and speaking knowledge of Spanish and this examination is satisfactorily passed. Otherwise they are required to commence their Spanish studies in the University College and have two years of Spanish in the College of Business Administration.

**Or GPY. 386.—Economic Geography of Caribbean America.

***Of the approved electives no more than six semester hours may be taken outside the College of Business Administration.

XII. EXECUTIVE SECRETARYSHIP

This curriculum is designed to prepare students to become executive secretaries and assistants in business corporations, in chambers of commerce, in trade associations, and in public and private institutions, occupations which are attracting an increasing number of men as well as women. Walter J. Matherly, Adviser.

Junior Year

First Semester	Hours	Second Semester	Hours
ES. 321—Money and Banking	3	ES. 327—Public Finance	3
BS. 231—Principles of Marketing	3	ES. 246—Consumption of Wealth	3
BEN. 298—Office Practice and Management	3	PSY. 306—Psychology Applied to Industry and Business	3
PSY. 201—General Psychology	3	ES. 208—Economic History of U. S.	3
Approved Electives*	3	Approved Electives*	3
	15		15

Senior Year

ES. 407—Economic Principles and Problems	3	ES. 408—Economic Principles and Problems	3
BS. 401—Business Law	3	ATG. 214—Federal Income Taxes For Individuals	3
EH. 355—Business Writing	3	EH. 356—Report Writing	3
BS. 373—Personnel Management	3	ES. 351—Elements of Transportation	3
Approved Electives**	6	Approved Electives**	6
	18		18

*Students are expected to take BEN. 81—Introductory Typewriting; BEN. 91—Introductory Shorthand; BEN. 181—Advanced Typewriting; and BEN. 291—Shorthand Dictation and Transcription as electives in the University College. If these courses are not completed there, they may be finished as a part of the twelve hours of free electives while in the College of Business Administration.

**It is suggested that the following courses be considered by students in making selections of approved electives: BEN. 351—Office Practice Techniques, and BEN. 352—Office Machine Techniques.

XIII. INSURANCE

This curriculum is designed to prepare students for a career in the field of insurance. It is so formulated that the student may give primary emphasis to either Life Insurance or Property Insurance in accordance with his interests by following program A or B.

PROGRAM A—LIFE INSURANCE

Victor V. Sweeney, Acting Adviser

Junior Year

First Semester	Credits	Second Semester	Credits
BS. 260—Fundamentals of Insurance	3	BS. 460—Life Insurance: Theory and Special Uses	3
BS. 363—Life Insurance Elements	3	BS. 463—Social Insurance	3
ES. 321—Money and Banking	3	BS. 233—Salesmanship	3
BS. 401—Business Law	3	ES. 327—Public Finance	3
Approved Electives*	3	Approved Electives*	3
	15		15

Senior Year

	Credits		Credits
BS. 462—Life Insurance: Problems and Practices	3	BS. 486—Life Insurance in Relation to Trusts and Estates	3
BS. 487—Agency Management	3	BS. 484—Legal Aspects of Insurance	3
ES. 407—Economic Principles and Problems	3	ES. 408—Economic Principles and Problems	3
BS. 427—Corporation Finance	3	BS. 422—Investments	3
Approved Electives*	6	Approved Electives*	6
	18		18

PROGRAM B—PROPERTY INSURANCE

Victor V. Sweeney, Adviser

Junior Year

First Semester	Credits	Second Semester	Credits
BS. 260—Fundamentals of Insurance	3	BS. 365—Fire Insurance	3
BS. 363—Life Insurance: Elements	3	BS. 233—Salesmanship	3
ES. 321—Money and Banking	3	BS. 402—Business Law	3
BS. 401—Business Law	3	ES. 327—Public Finance	3
Approved Electives*	3	Approved Electives*	3
	15		15

Senior Year

	Credits		Credits
BS. 481—Ocean and Inland Marine Insurance	3	BS. 482—Fidelity and Surety Bonding	3
BS. 366—Casualty Insurance	3	BS. 484—Legal Aspects of Insurance	3
ES. 407—Economic Principles and Problems	3	BS. 427—Corporation Finance	3
BS. 487—Agency Management	3	ES. 408—Economics Principles and Problems	3
Approved Electives*	6	Approved Electives*	6
	18		18

*Suggested Electives: RE. 291.—Real Estate Fundamentals; ES. 466.—Economic Statistics; BS. 334.—Sales Management; EH. 355.—Business Writing; SCH. 241.— Effective Speaking; PCL. 301.—American Federal Government; PCL. 302.—American State and Local Government; BS. 424.—Investment Analysis; BS. 403.—Law of Business Units; BS. 428.—Corporation Finance.

XIV. GENERAL BUSINESS

This curriculum is designed to provide a series of courses for those students who have not yet determined the particular area of business in which they wish to specialize. It offers courses which give a contact with the several major fields of business and which should be helpful to those who enter any field of business. Roland B. Eutsler, Adviser.

Junior Year

First Semester		Second Semester	
BS. 260.—Fundamentals of Insurance	3	BS. 231.—Principles of Marketing	3
RE. 291.—Real Estate Fundamentals	3	BS. 271.—Industrial Management	3
ES. 321.—Money and Banking	3	BS. 401.—Business Law	3
ES. 327.—Public Finance	3	ES. 351.—Elements of Transportation	3
Approved Electives	3	Approved Electives	3
	15		15

Senior Year

ATG 214.—Federal Income Taxes for Individuals	3	BS. 422.—Investments	3
BS. 427.—Corporation Finance	3	BS. 479.—Business Policy	3
ES. 372.—Labor Problems	3	BS. 233.—Salesmanship	3
ES. 407.—Economic Principles and Problems	3	ES. 408.—Economic Principles and Problems	3
Approved Electives	6	Approved Electives	6
	18		18

XV. MANAGEMENT

This curriculum is designed for students interested in industrial management or in management problems generally. Henry G. Hodges, Adviser.

Junior Year

First Semester		Second Semester	
BS. 271.—Industrial Management	3	BS. 373.—Personnel Management	3
ES. 321.—Money and Banking	3	PSY. 306.—Business and Industrial Psychology	3
ATG. 313.—Cost Accounting	3	BS. 401.—Business Law	3
ES. 327.—Public Finance	3	BS. 427.—Corporation Finance	3
Approved Elective	3	Approved Elective	3
	15		15

Senior Year

ES. 407.—Economic Principles and Problems	3	ES. 408.—Economic Principles and Problems	3
IG. 321.—Work Simplification and Standardization	3	IG. 322.—Plant Development and Operation	3
ATG. 419.—Controllership Accounting	3	BS. 464.—Management Controls	3
BS. 471.—Principles of Organization	3	BS. 474.—Purchasing	3
Approved Elective	6	Approved Electives	6
	18		18

Suggested Electives: BS. 231; ES. 476; IG. 370; BS. 439; BS. 472; BS. 479; BS. 438; ES. 351; ES. 347; ES. 372; ES. 404; ES. 572; JM. 411.

CURRICULUM IN COMBINATION WITH LAW

Walter J. Matherly, Adviser.

The College of Business Administration combines with the University College and the College of Law in offering a six-year program of study to students who desire ultimately to enter the College of Law. Students register during the first two years in the University College and the third year and one term of the summer session in the College of Business Administration. When they have fully satisfied the academic requirements of the College of Business Administration, they are eligible to register in the College of Law and may during their last three years complete the course in the College of Law. When students have, after entering the College of Law, completed one year's work in law (28 semester hours with at least a C average), they may offer this year's work as a substitute for the fourth year in the College of Business Administration and receive the degree of Bachelor of Science in Business Administration.

Applicants who are eligible for a degree in the combined course in Business Administration at the University of Florida upon the completion of one year of work in the College of Law will continue to be admitted to the College of Law up to and including the second semester of 1951-52. Thereafter no students will be admitted under the combined course program.

The maximum credit load for all students registered for the curriculum in combination with law is 18 academic semester hours. To graduate *With Honors,* a student must have graduated from the University College with honors and completed 70 semester hours on which he has earned an average of 3.2 or higher, or in lieu of graduation from the University College with honors, complete 70 semester hours on which he has earned an average of 3.4 or higher.

The curriculum in Business Administration in combination with Law consists of 27 semester hours of required courses and 15 hours of elective courses. The requirements are as follows:

Courses	Credits
ES. 321 —Money and Banking	3
ES. 327 —Public Finance	3
BS. 231 —Principles of Marketing	3
ES. 351 —Elements of Transportation	3
ES. 404 —Government Control of Business	3
ES. 407-408—Economic Principles and Problems	6
BS. 427-428—Corporation Finance	6
*Electives	15
	42

*Electives are limited to courses offered by the College of Business Administration except BS. 401, 402, 403, Business Law, and RE. 493, Real Estate Law, and six semester hours in advanced military science.

CURRICULUM IN PUBLIC ADMINISTRATION

Walter J. Matherly, Adviser

In order to enter the College of Business Administration and to register for the curriculum in Public Administration, students are required to complete the curriculum in the University College as specified or the equivalent thereof in each of the courses or areas of knowledge listed including the following courses:

ES. 205-206—Economic Foundations of Modern Life
ATG. 211-212—Elementary Accounting
ES. 203 —Elementary Statistics
MS. 208 —Business Mathematics

Junior Year

First Semester	Credits
PCL. 301—American Federal Government	3
PCL. 351—Principles of Public Administration	3
ES. 327—Public Finance	3
HY. 245—Survey of American History	3
Approved Electives*	3
	15

Second Semester	Credits
PCL. 302—American State and Local Government	3
PCL. 352—City Government and Administration	3
HY. 246—Survey of American History	3
ES. 478—Problems in State and Local Finance	3
Approved Electives*	3
	15

Senior Year

	Credits
ES. 407—Economic Principles and Problems	3
PCL. 415—Public Personnel Administration	3
ES. 477—Problems in Federal Finance	3
Approved Electives*	9
	18

	Credits
ES. 408—Economic Principles and Problems	3
ES. 404—Government Control of Business	3
PCL. 416—Administrative Law	3
Approved Electives*	9
	18

* Concentration of Approved Electives

Approved electives in public administration consist of twenty-four semester hours of which 18 must be taken either in Group I or Group II. Credit may be given for a foreign language by special arrangement with the Dean.

I. Public Management and Employment.

ES. 372 —Labor Problems
ES. 382 —Principles of Resource Utilization
ES. 454 —Principles of Public Utilities Economics

ES. 466	—Economic Statistics
ES. 476	—Government in Relation to Labor
BS. 401	—Business Law
ES. 463	—Social Insurance
BS. 464	—Statistical Controls for Management
RE. 491	—Principles and Problems of City Planning
PCL. 407-408	—Comparative Government
PCL. 417	—Legislation
PCL. 450	—Regional and City Governmental Planning
LW. 504	—Municipal Corporations
PSY. 201	—General Psychology
PSY. 305	—Social Psychology
SY. 241	—Sociological Foundations of Modern Life
SY. 316	—Field of Social Work
SY. 332	—Public Health and Sanitation
SY. 424	—Criminology
SY. 426	—The City in American Life
SY. 450	—Population and Public Affairs

II. Finance and Fiscal Administration

ATG. 311-312	—Accounting Principles
ATG. 313	—Cost Accounting
ATG. 417	—Government Accounting
ATG. 517	—Government and Municipal Accounting
BS. 401	—Business Law
BS. 422	—Investments
BS. 424	—Investment Analysis
ES. 321	—Money and Banking
ES. 454	—Principles of Public Utility Economics
ES. 579	—Fiscal Policy
PCL. 450	—Regional and City Government Planning
SY. 241	—Sociological Foundations of Modern Life

COLLEGE OF EDUCATION

GENERAL STATEMENT

A major responsibility of the College of Education has been, and will continue to be, to develop a sufficient number of competent people to man the schools of the State. A second major aim is the improvement of the quality of teaching.

Undergraduate and graduate training of pre-service and in-service teachers and administrators comprises instruction, observation, and participation in administration, supervision, curriculum, guidance, philosophy, psychology, research, methods in special subject fields, and student teaching in the Laboratory School and in off-campus centers. All work in the College is geared to the needs of the public schools.

THE P. K. YONGE LABORATORY SCHOOL

The program of the School from the kindergarten through the twelfth grade is designed to serve as a guide and example of effective school practices in order to lead the State toward improving total school programs. Pre-service teachers study principles and practices in the School and make plans to adapt these practices to their future teaching situations. By studying the program of the School, in-service teachers develop improved practices. The School serves as a source of research and as a medium for the advancement of the findings of research. Graduate students utilize the School program for learning and for adding to existing educational theory and practice.

COUNSELING AND PERSONNEL SERVICES

To assist students in their educational and vocational planning and to insure the induction of the very best teachers into the schools of Florida, the College has provided guidance and personnel service. In the office of the Counselor the student finds the complete record of his past academic work and of his planning to date. He encounters a friendly and sympathetic attitude and is given time and help in making wise choices and effective plans.

One of the problems which students often encounter is the problem of planning a sequence of courses which will give them the best training possible for a particular field of work and which will at the same time enable them to meet state certification requirements. Sometimes students will need advice and help in determining whether or not the occupational choice which they have made is the one which has the most advantages for them.

Counseling services include: (a) the undergraduate counseling office, (b) the graduate counseling office (Office of Graduate Studies in Education), and (c) the teacher placement office.

TEACHER PLACEMENT BUREAU

The Teacher Placement Bureau is a service agency for both former students of the University and public school officials. Up-to-date records are kept on registrants who have requested to be made available for positions and on educational administration and teaching vacancies that are reported to the Bureau. The services of the Bureau are free of charge. Persons who wish to avail themselves of this service should communicate with the Director of Teacher Placement, Room 120, P. K. Yonge.

OFF-CAMPUS INSTRUCTION

The Department of Off-Campus Instruction is organized to plan and direct correspondence study; to assist in-service teaching personnel through organizing and con-

ducting extension classes, workshops, and whole school study programs; and to plan for adult education work where college credit is desired. The Department plans for these services with other departments within the College of Education, and with the General Extension Division. The Department has also been charged with the responsibility of planning for future off-campus centers of instruction.

THE UNIVERSITY OF FLORIDA PROJECT IN APPLIED ECONOMICS

The faculty of the College is concerned with the improvement of community living through the school program. Pointing up this emphasis is the Project in Applied Economics originally assisted by grants-in-aid from the Alfred P. Sloan Foundation, Inc., and now a part of the regular college program. This Project stresses ways and means of improving living through the school program through units in courses, cooperation with the schools of the state and the preparation of materials. It is based on an eight-year study which indicated both the need for this type of program and the effectiveness of school activities in improving living.

The Alfred P. Sloan Foundation, Inc., continues to assist the Project in the preparation and distribution of materials for community schools. This phase of the work, known as the Project for Diffusion of Applied Economics Materials, is responsible for the distribution throughout the world of all materials prepared by all the teachers colleges and universities that cooperate with the National Project in Applied Economics.

PUBLIC SCHOOL SERVICES

The College of Education receives many requests for assistance from local, county, state, and national agencies. These have, over a period of time, led to the establishment of the following school services: (1) graduate and undergraduate class centers directed by the General Extension Division in many communities, (2) building surveys requested and financed by local boards of education, (3) Superintendents' and Principals' Conference and Short Course series conducted as a year-round in-service training program, (4) Supervisors' Work-Conferences, (5) Classroom Teachers' Work-Conferences, (6) consultative services on local problems and planning furnished without fee to school personnel throughout the State by College staff members, (7) development and distribution of significant educational materials, and (8) community and county workshop programs for in-service teacher education, and whole school study programs based on approved problems.

CURRICULUM LABORATORY AND EDUCATION LIBRARY

The Curriculum Laboratory and Education Library located on the third floor of the P. K. Yonge Building supplement, but do not duplicate, the services of the main University Library.

EDUCATIONAL RESEARCH

In order to stimulate a greater interest in educational research, each department in the College of Education has assumed responsibility for conducting research activities. From time to time department heads will release staff members from teaching duties in order to provide time for research. An effort will be made to conduct investigations which grow out of instructional needs and which develop out of needs of the public school systems of the state. Policies governing research are developed by the research committee of the College and all research activities are coordinated in the Office of Coordinator of Research. It houses a collection of more than 18,000 pieces

of professional literature; it provides guidance for students in the use of these materials; it serves as a work center for teachers and others engaged in preparation of and experimentation with curriculum materials, planned for and used in Florida schools.

EDUCATION OF EXCEPTIONAL CHILDREN

The Legislature of 1947 provided that out of State Foundation Funds special teachers should be employed for the education of children who were not capable of profiting from the "normal" program of instruction. As rapidly as possible additional personnel, clinical facilities, and field services will be provided to supply this critical need of the State. Students looking forward to certification as teachers of exceptional children should consult with the staff of the Elementary Education department.

JUNIOR COLLEGE EDUCATION

It will be possible for the individual student to arrange a program under the Secondary Education curriculum which will provide the basis for later graduate work leading to an advanced degree and certification for teaching in the public junior colleges of Florida. Courses which the student takes in his First Area of Concentration must include the necessary foundation for satisfactorily pursuing a minimum of twelve semester hours of graduate level work in the field to be taught. Professional study at the graduate level will be arranged to meet individual needs and will include selected courses in Junior College Education. Prospective junior college teachers are invited to discuss their plans with the head of Junior College Education.

SCHOLARSHIPS AND ASSISTANTSHIPS

Graduate and student assistantships and graduate fellowships are available for students in Education. Information may be obtained from the Chairman of the Committee on Assistantships, College of Education.

State Board of Education Scholarships (Lewis, House and Senatorial).—For a statement concerning these scholarships, see SCHOLARSHIPS elsewhere in this catalog.

A. R. Mead Scholarship Fund.—Kappa Delta Pi and Phi Delta Kappa, honorary educational fraternities at the University of Florida, have established a joint scholarship fund for deserving students pursuing work in the College of Education preparatory to entering the teaching profession. Announcement will be made from time to time regarding the number and amounts of scholarships to be awarded. Further information concerning this fund and the forms for making application for scholarships may be secured from the Dean, College of Education, University of Florida.

LOAN FUND

Kappa Delta Pi Loan Fund.—The Kappa Delta Pi honorary educational fraternity at the University of Florida has established a loan fund for students who are pursuing work in the College of Education preparatory to entering the teaching profession. The fund at the present time amounts to $800. Further information concerning this loan fund and forms for making application for a loan may be secured from Dr. Kenneth P. Kidd, Yonge 312, Chairman of Loan Fund Committee.

TEACHER'S CERTIFICATES

Graduates of the College of Education are granted certificates by the State Department of Education without further examination provided that during their college careers they have complied with the regulations of the State Board of Education covering the certification of teachers. These regulations are fully described in a bulletin on the certification of teachers published by the State Department of Education in Tallahassee. It is imperative that students who expect to be certified familiarize themselves with these regulations. In general, they require that an applicant for certification have a background of general preparation amounting to 45 semester hours with at least 8 hours in each of the following groups: The Arts of Communication, Human Adjustment (Health, Physical Education, Psychology, Religion, etc.), Biological and Physical Sciences or Mathematics, the Social Studies, and Humanities and Applied Arts; that he shall have taken at least twenty semester hours in education; that he shall have specialized in the subjects to be entered on the face of the certificate; and that he shall have met certain other requirements more fully described in the latest bulletin on the certification of teachers. Application for the certificate should be made immediately after graduation and should be addressed to the State Department of Education, Capitol Building, Tallahassee, Florida.

CORRESPONDENCE COURSES

Not more than one-fourth of the semester hours which are applied toward a degree, nor more than 12 of the last 36 semester hours which are earned toward a Bachelor's degree, may be taken by correspondence study or extension class. While in residence, the student will not be allowed to carry on correspondence work without the consent of the Dean; this permission will be granted only in exceptional cases. Not more than 9 semester hours may be earned by correspondence study during the summer vacation period.

REQUIREMENTS FOR ADMISSION

Students entering the College of Education from the University College will be required (1) to present a certificate of graduation from that college, (2) to have credit in the specified pre-professional courses for the curriculum of their choice (see curricula below), (3) to be recommended for admission to the Upper Division, and (4) to have the approval of the Committee on Admissions of the College of Education.

Students entering from other institutions must present college credit equivalent to graduation from the University College, as determined by the Board of University Examiners, and have the approval of the Committee on Admissions of the College of Education. Transfer and acceptance of credits from other institutions are handled through the Office of the Registrar.

GRADUATION WITH HONORS AND HIGH HONORS

To graduate from the College of Education with honors or with high honors each individual will be evaluated by the following criteria:

1. An average of 3.2 in the Upper Division for honors; an average of 3.5 over the entire four years for high honors.
2. Participation in leadership and creative activities during the college period. These experiences may be obtained either on or off-campus.

3. Staff ratings of the individual on personal and professional qualities. The ratings are to be made by instructors under whom the student has had work, including the student's counselor and the staff member who directs his student teaching or internship.

See the Honors Committee of the College of Education for further details.

DEGREES AND CURRICULA

The degrees Bachelor of Arts in Education and Bachelor of Science in Education are offered in the College of Education. For either degree the student is required to complete 124 semester hours with a general average of C or higher for the four-year period. In every case, the student must complete requirements for a subject or field of concentration, with a C average in the field, to be eligible for graduation. An average of C is also required in the Upper Division.

For description of advanced degrees and post graduate and advanced post graduate certificate programs in Education, see The Graduate School.

I. ELEMENTARY EDUCATION CURRICULUM

To register for this curriculum students must have completed the following courses while registered in the University College.

EN. 105-106	—Aspects of Human Growth and Development	6
EH.	—Electives in English	6
PHA. 361	—The Elementary School Health Program	3
SCL. 205-206	—Children and Culture	6

Junior Year

Courses	First Semester	Credits
*MSC. 160	—Music Skills	3
*SCA. 253	—General Art for the Elementary Grades	3
PHA. 373	—Teaching Physical Education in the Elementary School	3
**GL. 301	—Children's Science	3
**SCL. 301	—Children's Social Studies	3
		15

Courses	Second Semester	Credits
EN. 307	—Children and Learning (to be distributed among different elementary school subjects)	15
		15

*A test will be given for skills in music and fine arts. If the test is successfully passed, the student will be excused from taking these skill courses. In lieu of such courses, students will be advised to take seven hours of electives.

**Substitutions may be made for these content subjects upon the approval of the student's adviser.

Senior Year

Courses	First Semester	Credits
EN. 405	—The Practicum (Eight weeks in two centers under supervision in elementary education)	15
		15

Courses	Second Semester	Credits
EN. 407	—The Seminar	3
	—Geography	3
GL. 302	—Children's Science	3
	Electives	7
		16

All new students in elementary education will be expected to register in the above curriculum. Provisions have been made for the transfer from the old curriculum to the new for students already enrolled in elementary education. The old curriculum will be continued temporarily by these students too far advanced in Education courses for the transfer to be advantageous. Students and their advisers continuing to use the old curriculum should consult 1947 and prior catalogs.

II. CURRICULUM IN EDUCATION FOR THE EXCEPTIONAL CHILD

To register for this curriculum students should have completed, while in the University College, the basic program outlined for prospective teachers of the exceptional child.

Junior Year

Courses First Semester	Credits	Courses Second Semester	Credits
SCL. 301—Children's Social Studies	3	PHA. 373—Teaching Physical Education in the Elementary School	3
GL. 301—Children's Science	3	PSY. 312—Psychology of Exceptional Children	3
*SCA. 253—General Art for the Elementary Grades	3	PSY. 309—Personality Development	3
Designated Electives	9	Designated Electives	8
	18		17

Senior Year

Courses First Semester	Credit	Courses Second Semester	Credit
EN. 307—Children and Learning	15	**EN. 405—The Practicum	15

*Skill tests are given in School Art and in Music. Students may omit SCA. 253 and MSC. 160 if the skills tests are passed, and may take electives in lieu thereof.

**One-half of the practicum in classroom teaching and one-half in clinical practice.

Designated Electives in Sub-Areas:

Speech Correction and Hearing: SCH. 317, 410, 411, 415, 417, 418, 420; PHA. 316, 487.

Slow Learners: PSY. 311, 403, 404, 410, 417; EN. 385, 480, 428.

Physical Disabilities and Special Health Problems: PHA. 315, 316, 487; EN. 429, 430; SCH. 317, 411, 418; PSY. 410.

Personal (personality) Problems: PSY. 309, 311, 403, 404, 410; EN. 385.

III. SECONDARY EDUCATION CURRICULUM

Students who plan to work in any area of the secondary program (except Agricultural Education, and Business Education) should normally pursue the following program. The courses listed below should have been completed in the University College.

EN. 105-106—Aspects of Human Growth and Development 6
SCL. 205-206—Children and Culture 6

Junior Year

Courses First Semester	Credits	Courses Second Semester	Credits
First Area of Concentration	9	First Area of Concentration	9
Second Area of Concentration	3	Second Area of Concentration	3
EN. 301—Principles and Practices of the Secondary School Program	3	EN. 302—Principles and Practices of the Secondary School Program	3
Required Physical Education for Men	0	Required Physical Education for Men	0
	15		15

Senior Year

Courses First Semester	Credits	Courses Second Semester	Credits
EN. 423—Theory and Practice in Teaching	15	EN. 423—Theory and Practice in Teaching	15
or		or	
First Area of Concentration	9	First Area of Concentration	9
Second Area of Concentration	6	Second Area of Concentration	6
Required Physical Education for Men	0	Required Physical Education for Men	0
	15		15

Five hours in the Human Adjustment area, other than C-41, are required. These electives may be taken either in the University College or in the College of Education.

Prerequisites for entrance into Elementary and Secondary Internship program.

A. Teaching field requirements.

1. Completion, in a teaching area (subject field), of at least two-thirds of the course work in a planned program approved by the student's counselor. Each student must confer with his counselor regarding basic courses that are prerequisite for the internship.
2. The average for all work in the teaching area taken prior to the internship must be 2.0 or better.

B. Completion of all Education course prerequisites for the internship as listed in the college catalog. They are as follows:

1. For all candidates except those in Business Education

   EN. 105 and 106 .....6 hours
   SCL. 205 and 206 .....6 hours

2. For candidates in Business Education

   EN. 105 and 106 .....6 hours
   SCL. 206 .....3 hours

3. All candidates for the Elementary Internship must have completed EN. 307, 15 hours, and all candidates for the Secondary Internship must have completed EN. 301 and EN. 302 (6 hours.)
4. All candidates for the Elementary Internship must have completed MSC. 160, SCA. 253 (or have passed a skills test) and PHA. 361.

C. Absence of all serious defects—physical or emotional—which in the opinion of the Under-Graduate Counseling Committee of the College of Education might interfere with the normal work of the teacher.

D. Demonstrated competence in the skills of communications necessary in the classroom which in the opinion of the Under-Graduate Counseling Committee of the College of Education is necessary for the successful performance as a teacher in the classroom.

E. Application for internship teaching in EN. 405 and EN. 423 must be made through the Under-graduate Counseling Office, YN 118-A, by April 1 of the year preceding that in which the student expects to intern. For the regular student this means April of the junior year and applies to applications for either fall or spring internship.

F. Students enrolling in the internship program should live in the community in which teaching is to be done. Living expenses will probably run from $100 to $125 additional to the regular on-campus living expenses.

Students should plan their programs so they may complete the *first and second areas of concentration* selected from courses suggested below. For subjects not listed, consult department head.

ART—

(100 and 200 courses in Art are prerequisite for 300 and 400 courses)
30 hours chosen from the following groups:

Group 1 —Minimum of 9 hours

PG. 351	—Landscape and Figure Painting	3
PG. 414	—Graphic Arts	3
ART 322	—Sculpture	3

Group 2 —Minimum of 6 hours

ART 223	—Color and Design	3
ART 226	—Pictorial Composition	3

Group 3 —Minimum of 9 hours

ART 122	—Materials and Spatial Design	3
CS. 381	—Crafts I	3
CS. 382	—Crafts II	3
CS. 483	—Special Problems in Crafts	3

Group 4 —Minimum of 3 hours

CT. 361	—Lettering and Instrumental Drawing	3

Group 5 —Minimum of 4 hours

ART 493	—Art of the Rennaissance	3
ART 494	—Modern Art	3

ENGLISH—

C-3	—Reading, Speaking and Writing	8
EH. 217-218	—Literary Masters of England	6
EH. 223 or 224	—Masterpieces of World Literature	3
EH. 305	—Introduction to the Study of the English Language	3
or		
EH. 306	—Modern English Grammar	3
EH. 363, 365	—Contemporary Literature	3
or 366		
EH. 380	—English in the Secondary Schools	3
EH. 401 or 402	—Literary Masters of America	3
EN. 480	—Teaching of Reading	3
SCH. 307 or 308	—Interpretation of Literature	3
SCH. 420	—Speech Activities in the School	3

LIBRARY SCIENCE*

LY. 301	—Introduction to Library Materials	3
LY. 303	—Library Organization and Administration	3
LY. 304	—Organization of Library Materials	3

* Students electing library science must take their first area of concentration in some other field.

MATHEMATICS—

C-42	—Fundamental Mathematics	3
MS. 105-106	—Basic Mathematics	8
MS. 325	—Advanced General Mathematics	3
MS. 326	—Advanced General Mathematics	3
or		
MS. 431	—College Geometry	3
MS. 353-354	—Calculus	8
MS. 320	—Theory of Equations	3
or		
MS. 311	—Advanced College Algebra	3
MS. 312	—Advanced College Algebra	3
MS. 225	—Arithmetic for Teachers	3
MS. 308	—Business Mathematics	3
MS. 385	—Advanced Trigonometry	3

MUSIC*

Instrumental Music:

Applied Instrumental Music in courses above 100		4
MSC. 162	—Introduction to Music Education	2
MSC. 101, 102	—Theory	6
MSC. 260	—Music Education in the Elementary School	3
MSC. 21	—Piano	1
MSC. 25, 35, 43, or 51	—Instrumental Classes	2
MSC. 360	—Music Education in the Secondary School	3
MSC. 362 or	—Orchestral Materials Laboratory	3
MSC. 460	—Bands Materials Laboratory	3

Choral Music:

MSC.	125, 126	—Voice	4
MSC.	162	—Introduction to Music Education	2
MSC.	101, 102	—Theory	6
MSC.	260	—Music Education in the Elementary School	3
MSC.	21	—Piano	1
MSC.	360	—Music Education in the Secondary School	3
MSC.	361	—Choral Materials Laboratory	3

---

* Students electing a music sequence must take their first area of concentration in some other field. N.B. Not more than 24 semester hours of Music allowed.

Physical Education for Men—

24 semester hours must be taken from Groups 1, 2 and 3, and 3 semester hours from Group 4 and 3 semester hours from Group 5.

Group 1—Minimum of 6 hours

PHA.	131	—Coaching of Football	3
PHA.	132	—Coaching of Track	3
PHA.	231	—Coaching of Basketball	3
PHA.	232	—Coaching of Baseball	3

Group 2—Minimum of 6 hours

PHA.	141	—Tennis	1
PHA.	142	—Gymnastics and Tumbling, I	1
PHA.	143	—Combat Sports	1
PHA.	144	—Swimming and Water Sports	1
PHA.	171	—Folk Dancing	2
PHA.	241	—Golf	1
PHA.	242	—Recreational Sports	2
PHA.	243	—Gymnastics and Tumbling, II	1
PHA.	244	—Life Saving and Water Safety	1
PHA.	245	—Team Games	2

Group 3—Minimum of 6 hours

PHA.	151	—Introduction to Physical Education, Health, Athletics and Recreation	2
PHA.	351	—Intramural Athletics and Officiating	2
*PHA.	363	—Teaching Physical Education in the Secondary School	3
PHA.	373	—Teaching Physical Education in the Elementary School	3
*PHA.	441	—Administration of Physical Education and Athletics	3
PHA.	484	—Tests and Measurements in Physical Education	2
PHA.	487	—Adapted and Corrective Physical Education	3
PHA.	488	—Conditioning of Athletes and Care of Injuries	2

---

*Required for Certification.

Group 4—

PHA.	325	—The Conduct of Playgrounds and Indoor Centers	3

Group 5—

PHA.	315	—Applied Anatomy and Physiology	3

Physical Education for Women—

30 hours chosen from the following groups:

Group 1—Minimum of 6 hours

PHA.	345	—Methods and Materials in the Teaching of Team Games	3
PHA.	355	—Methods and Materials in the Teaching of Individual Sports	3

Group 2—Minimum of 6 hours

PHA.	141	—Tennis	1
PHA.	142	—Gymnastics and Tumbling, I	1
PHA.	144	—Swimming and Water Sports	1
PHA.	171	—Folk Dancing	2
PHA.	241	—Golf	1
PHA.	242	—Recreational Sports	2
PHA.	247-8	—Sports for Women	4
PHA.	271	—Modern Dance	1
PHA.	371	—Methods and Materials in the Teaching of Rhythmical Activities	3

Group 3—Minimum of 6 hours

PHA.	151	—Introduction to Physical Education, Health, Athletics and Recreation	2
*PHA.	363	—Teaching Physical Education in the Secondary School	3
PHA.	373	—Teaching Physical Education in the Elementary School	3
*PHA.	441	—Administration of Physical Education and Athletics	3
PHA.	484	—Tests and Measurements in Physical Education	2
PHA.	487	—Adapted and Corrective Physical Education	3

Group 4—
PHA. 325 —The Conduct of Playgrounds and Indoor Centers 3
Group 5—
PHA. 485 —Applied Anatomy and Physiology 3

Health Education—

30 hours chosen from the following groups:
Group 1—Minimum of 15 hours
PHA. 261 —Personal Hygiene 3
PHA. 262 —Community Hygiene 3
PSY. 309 —Personality Development (Mental Hygiene) 3
PHA. 263 —Safety Education 2
PHA. 264 —First Aid 2
PHA. 421 —Driver Education and Training 3
Group 2—Minimum of 9 hours
PHA. 315 —Applied Anatomy and Physiology 3
BCY. 301 —General Bacteriology 4
C-6 —Biological Science or other Biology 6
Group 3—Minimum of 6 hours
PHA. 361 —The Elementary School Health Program 3
PHA. 362 —The Secondary School Health Program 3

Science—

C-21, C-22 (PS. 320—Modern Physics, should be substituted for C-22 if possible) 6
C-6 —Biological Science 6
BCY. 301 —General Bacteriology 4
BLY. 161-162 —Biology Laboratory 4
PS. 101-207 —General Physics 8
102-208 —
CY. 101-102 —General Chemistry 8

Social Studies—

C-1 —American Institutions 8
ES. 205-206 —Economic Foundations of Modern Life 6
GPY. 317 —Global Geography 3
HY. 240-241 —History of the Modern World 7
HY. 245-246 —Survey of American History 6
PCL. 301 or 302 —American Government and Politics 3
SY. 241 —Sociological Foundations of Modern Life 3
or
SY. 490 —The South Today 3
or
APY. 337 —Cultural Anthropology 3

---

*Required for Certification.

Spanish and Latin-America Area Studies—

SH. 201-202 —Second Year Spanish 6
SH. 303-304 —Masterpieces of Spanish Literature 6
SH. 313-314 —Advanced Composition and Conversation 6
SH. 407-408 —Latin American Literature 6
SH. 323 —Commercial Spanish 3
SH. 401 —19th Century Drama 3
SH. 403-404 —Literature of the Golden Age 6
SH. 406 —Contemporary Spanish Literature 3
PE. 33-34 —Elementary Portuguese 6
HY. 373 —Mexico and the Caribbean 3
HY. 374 —La Plata Region 3
HY. 375 —History of Brazil 3
HY. 376 —The Andean Republics 3
HY. 363-364 —Survey of Latin American History 6
GPY. 295 —Geography of the Americas 3
ES. 385 —Economic Geography of South America 3
SY. 364 —Peoples and Cultures of Latin-America 3
ART 306 —Latin-American Art 2
MSC. 315 —Latin-American Music 2

Speech—

C-3 —Reading, Speaking and Writing: Freshman English 8
EH. 123 —Effective Writing 3
SCH. 241 —Effective Speaking 3
SCH. 303 —Argumentation and Debate 3
or
SCH. 314 —Types of Public Discussion 3

SCH. 245 —Recreation and Community Dramatics 3
or
SCH. 311 —Speech Training for the Radio 3
EH. 380 —English in the Secondary Schools 3
SCH. 315 —Applied Phonetics 3
SCH. 417 —Correction of Speech Defects 3
SCH. 420 —Speech Activities in the School 3

IV. AGRICULTURAL EDUCATION CURRICULUM

The curriculum in Agricultural Education is designed to prepare students to be teachers of vocational agriculture as provided for under the Smith-Hughes and George-Barden Acts. Since the teaching in such positions covers all phases of agriculture, the curriculum contains courses from many agricultural departments.

Students desiring to register are advised to take the program of studies in the University College outlined for Agricultural Education.

Junior Year

First Semester	Hours	Second Semester	Hours
AG. 303—Farm Shop	3	AS. 306—Farm Management	3
HE. 230—Food Preservation	3	AL. 314—Livestock Judging	3
FY. 313—Farm Forestry	3	AG. 306—Farm Machinery	3
AL. 309—General Animal Husbandry	3	EN. 397—Secondary Curriculum	3
EN. 386—Educational Psychology	3	EN. 302—General Methods in Agriculture	3
EN. 306—Vocational Education	3	Elective	1
	18		16

Senior Year

First Semester	Hours	Second Semester	Hours
SLS. 301—Soils	3	SLS. 302—Soil Fertility	3
HE. 341—Citrus Growing	3	EY. 301—Economic Entomology	3
HE. 429—Ornamental Horticulture	3	AS. 308—Marketing	3
VY. 401—Farm Sanitation	3	AG. 407—Farm Shop Power Equipment	3
EN. 409—Supervised Teaching in Agriculture	3	EN. 410—Supervised Teaching in Agriculture	3
EN. 411—Adult Education in Agriculture	2	EN. 412—Course Organization in Vocational Agriculture	2
	17		17

V. BUSINESS EDUCATION CURRICULUM

To register for this curriculum students must have completed the following courses while registered in the University College.

BEN. 81-181 —Introductory and Advanced Typewriting
BEN. 91 —Introductory Shorthand
ES. 205-206 —Economic Foundations of Modern Life
EN. 105-106 —Aspects of Human Growth and Development
SCL. 206 —Children and Culture

Junior Year

Courses First Semester	Credits	Courses Second Semester	Credits
ATG. 211—Elementary Accounting	3	ATG. 212—Elementary Accounting	3
BEN. 191—Shorthand Dictation	3	BEN. 291—Shorthand Dictation and Transcription	2
EN. 301—Principles and Practices and of the Secondary School Program	6	BEN. 461—Principles of Business Education	3
ES. 321—Financial Organization of Society	3	BS. 401—Business Law	3
Required Physical Education for Men	0	ES. —Electives	3
		Electives	3
		Required Physical Education for Men	0
	15		17

Senior Year

Courses First Semester	Credits	Courses Second Semester	Credits
BS. 402—Business Law	3	*EN. 423—Theory and Practice in Teaching	15
EH. 355—Business English	3	Required Physical Education for Men	0
Electives	9		15
Required Physical Education for Men	0		
	15		

* Students must have the approval of the department before registering for internship (EN. 423) in business education.

VI. INDUSTRIAL ARTS CURRICULUM

To register for this curriculum, the student should have completed the following courses while registered in the University College:

EN. 105-106	—Aspects of Human Growth and Development	6
IN. 101	—Introduction to Industrial Arts	3
IN. 102	—Elementary Woodwork	3
IN. 103-104	—Mechanical Drawing	6

Junior Year

Courses First Semester	Credits	Courses Second Semester	Credits
EN. 301—Principles and Practices of the Secondary School Program	3	IN. 303—Machine Woodwork	3
IN. 211—General Bench Metals	3	IN. 313—Handicrafts	3
IN. 312—Elementary School Handicrafts	3	IN. 402—Problems in Architectural Drawing	3
IN. 401—Architectural Drawing	3	IN. 415—Advanced Handicrafts	3
SCL. 205—Children and Culture	3	SCL. 206—Children and Culture	3
	15		15

Senior Year

Courses First Semester	Credits	Courses Second Semester	Credits
EN. 302—Principles and Practices of the Secondary School Program	3	*EN. 423—Theory and Practice in Teaching	15
EN. 305—Design and Construction in Woods	3		15
IN. 314—Art Metal Design and Construction	3		
IN. 364—Laboratory Planning and Maintenance	3		
IN. 416—Handicrafts Problems	3		
	15		

* Students must have the approval of the department before registering for internship (EN. 423) in industrial arts.

COUNSELING SERVICES FOR GRADUATE STUDENTS

Graduate students are reminded that their registration is in the Graduate School.

Graduate students in Education are assisted in solving their problems of program planning and in the selection of courses of study by the Office of Graduate Studies in Education. It is the function of this office to induct new graduate students into the Department and to provide them with needed information. The office also recommends counselors and committee appointments to the Dean of the Graduate School.

The Office of Graduate Studies in Education confers with each student with reference to his choice of a degree program and his plans for meeting state certification requirements at the graduate level, and assists the student in evaluating his past work and in ascertaining his present needs.

Counseling activities are initiated in the Office of Graduate Studies, but the major responsibility for planning with the student is assigned to the faculty member appointed to serve as the student's personal adviser. This faculty member represents the field of the graduate student's principal specialization or interest.

COMPREHENSIVE EXAMINATION IN EDUCATION

All graduate students carrying programs in Education are required to undergo a comprehensive examination, the purposes of which are two-fold: (1) to provide additional data to be used in counseling and guiding students, especially in connection with planning programs adequate to meet their needs, and (2) to be one of the factors in determining the fitness of the student to pursue the doctoral program. A fee for the comprehensive examination is charged to each student doing graduate work in Education, payable at the time of registration with other fees. For the current year the fee is $6.00 ($10.00 for part-time students). At the present time, the examination used is the National Teacher Examination.

FIELDS OF SPECIALIZATION

Most graduate students select a field of specialization which represents their major interest or goal in pursuing graduate work. Some of the courses which the student will select will be definitely essential to the development of this specialization; others will be intended to provide a general understanding and appreciation of the entire educational field, or they may be essential to the development of background necessary to the area of specialization.

Among the areas of specialization commonly selected are:

Administration and Supervision
Guidance and Counseling; Educational Psychology
Instruction in the Various Subject Fields
Elementary Education
Secondary Education
History and Philosophy of Education
Early Childhood Education
Junior College Education
Teacher Education

And such special areas as:

Industrial Arts Education
Agricultural Education
Business Education
Teaching of Exceptional Children
School Attendance

There are other areas of specialization which are occasionally chosen, depending upon the particular goal of the student.

It is often advisable for the graduate student to plan his program of study so that his work will not only qualify him for an advanced degree or a post-graduate certificate but will also enable him to secure specific certification in one of the fields in which the Florida State Department of Education requires certification before the individual can accept a position in the field. For example, it is necessary for a person working in the field of education to be certified in administration and supervision if he wishes to secure a principalship or a supervisory position. In order to secure such certification the candidate must complete studies in a number of fields which are specified by the State Department of Education.

It is one of the functions of the counselor to go over these problems with the individual graduate student so that a plan of work may be agreed upon which will promote, to as great an extent as possible, the varying purposes and goals of the student. It is the obligation of the student to acquaint his counselor with his goals and purposes so that this may be accomplished.

Recommended programs of study in some of the fields of specialization have been carefully worked out. The student should consult his counselor concerning these programs.

GRADUATE COURSES

(For courses offered only in summer terms the student should consult the *Bulletin of the Summer Session.*)

Prerequisite: A student who expects to pursue graduate work in Education will normally present a Bachelor's degree with a major or minor in Education or the equivalent. (See also requirements for admission to the Graduate School and also requirements for admission to the Master of Education degree program).

Students in the Master of Arts in Education program majoring in Education other than school administration and provided they have an undergraduate degree in Education, will normally be required to complete a major of twelve hours in Education and a minor or minors of twelve hours in another field or fields.

Students specializing in school administration or persons who hold a bachelor's degree without a major in Education will be required to complete a major of eighteen semester hours in Education.

COLLEGE OF ENGINEERING

GENERAL STATEMENT

The prime purpose of the College of Engineering is to educate men for the engineering profession. In our highly technical civilization a technological training should prove of value wherever the graduate decides to serve and it must be recognized that many graduates of engineering schools become leaders and executives in varied fields.

The engineer should have thorough knowledge of the fundamental physical sciences and mathematics. He should know enough practical economics to apply the physical sciences properly to man's needs. He should be able to express himself clearly both with the written and the spoken word. He should have enough information in his professional field of application and in allied fields to fulfill engineering engagements normally assigned the college graduate. His training should be thoroughly grounded in fundamentals so that he can continue to grow after leaving the college. His professional consciousness must be such that he becomes an able member of his profession. Above all, he must always discharge his responsibilities as a citizen.

The curricula of the College of Engineering are planned with these objectives in mind. Whether the student plans to apply his engineering skill and knowledge to the fields of aeronautical, agricultural, chemical, civil, electrical, industrial, or mechanical engineering he will find much common ground. Many courses, particularly those of the first two years are common for all fields. Specialization occurs basically in the junior and senior years. Further specialization may be secured by selecting options in several of the major fields.

Recognizing the need for men trained in the field of engineering with specialization in the field of agriculture, the College of Engineering in cooperation with the College of Agriculture is now offering work leading to the degree of Bachelor of Agricultural Engineering. Students registered for this program take work which will educate them in the application of engineering principles to the problems of agriculture. The demand for agricultural engineers in Florida should continue to increase with the industrialization of farms and groves.

The College of Engineering awards the following Bachelors' degrees:

Bachelor of Aeronautical Engineering
Bachelor of Agricultural Engineering
Bachelor of Chemical Engineering
Bachelor of Civil Engineering
Bachelor of Electrical Engineering
Bachelor of Industrial Engineering
Bachelor of Mechanical Engineering

The curricula in all departments of the College of Engineering, with the exception of the new program leading to the degree Bachelor of Agricultural Engineering, have been accredited by the Engineers' Council for Professional Development. The College of Engineering has prepared an illustrated bulletin entitled, "Engineering Education at the University of Florida," describing the educational and research activities of the College. Prospective students may secure a copy of this bulletin gratis from the Office

of the Dean of the College or from the Office of the Registrar of the University. A bulletin prepared by the Engineers' Council for Professional Development entitled, "Engineering as a Career", is particularly helpful to prospective students who wish detailed and accurate information concerning the general field of engineering and its several branches. Copies of this bulletin may be secured from the Office of the Dean of the College of Engineering.

Subjects basic to Engineering, and a few pre-professional courses, are secured while the student is registered in the University College. In the Engineering College the student is given instruction in courses of a professional nature and is encouraged to utilize the time allowed for electives for productive activity in both technical and non-technical courses. The individual characteristics of the student are given consideration. He is encouraged to develop his initiative and imagination, to devote his spare time to endeavoring to solve special technical problems in the library and in the laboratory, to studying the history and trend of engineering practice as related to social and economic developments, and to coordinating his efforts to produce an educated man well grounded in the fundamentals of engineering practice and well equipped to advance himself in his chosen profession.

Too great an emphasis cannot be placed on the desirability, for many students, of extending the program to five years. More time can then be made available for fundamental and cultural subjects. Quality of performance serves the engineering graduate far better than does quantity and mediocrity.

Students are urged to confer with the administrative staff and the teachers of the College of Engineering pertaining to their problems. This applies not only to upper division students but also to University College students.

Students expecting to transfer to the University of Florida as Juniors in the College of Engineering should make every attempt to complete the prerequisites listed under Admission Requirements. Failure to satisfy these requirements may seriously affect the student's progress.

EQUIPMENT

All engineering students are required to procure the following items for their own personal use in addition to prescribed texts:

1) A slide rule
2) An engineering handbook
3) Drawing equipment
4) A dictionary

The student is urged to confer with the head of the appropriate department before purchasing the items listed above. Through such a conference the student will be advised of the specific requirements in that department.

SUMMER COURSES

In order to assist students who may wish to attend the University throughout the year, the College of Engineering will offer a limited number of courses in each curricula during the Summer Session of the University. Details will be found in the Catalog of the Summer Session, obtainable from the Office of the Registrar.

FLORIDA ENGINEERING AND INDUSTRIAL EXPERIMENT STATION

The Florida Engineering and Industrial Experiment Station is an integral part of the College of Engineering. It is the research division of the College and the development laboratory for Florida's industries. Its function is to initiate and carry on projects in the several fields of engineering and in industrial development. It is particularly interested in developing new products from Florida raw materials and in assisting in the establishment of new industries in the State.

Undergraduates in the College of Engineering who show promise as research workers may be employed to assist in research work in the Station and to prepare themselves for graduate study.

All students in the College will profit from their association with the engineers engaged in research projects and from the opportunity of seeing the principles of engineering being applied to the solution of fundamental and applied problems.

Graduate students may select fundamental problems involved in research projects of the Station for the subject matter of theses that are required of all graduate students majoring in engineering.

All facilities of the College are available for instructional purposes and for use in research projects.

FLORIDA INDUSTRIES' COOPERATIVE PLAN

Several of Florida's industries, under a cooperative arrangement, will employ Florida men in industry at prearranged regular intervals during the student's course at the University. Students are eligible for this cooperative employment if they are candidates for an engineering degree and have shown that they are satisfactorily prepared scholastically.

Students with Sophomore standing who intend entering the College of Engineering or engineering students in their Junior year may file application for the Cooperative Plan with the Dean of the College of Engineering at any time. Placement will depend upon openings available, the industrial selection of the applicant and his personality. Arrangements will be made for personal interviews with representatives of the cooperating industries. Applications may also be accepted from men already in industry who wish to complete their Engineering College courses and need credit of one year or more of college work to earn a degree.

After assignment to an industry, a student alternates with a partner each college session: Fall Semester, Spring Semester and Summer Session. The alternating periods in industry and school are approximately February 1 to June 15, June 16 to September 15 , and September 16 to February 1. In this manner one member of a team is always on the assigned cooperative job while the other is in school.

The student is paid a salary by the cooperating industry while at work. This salary should cover the necessary living expenses and permit him to save toward his next school term's expenses.

An industry desiring further details concerning the Florida Industries' Cooperative Plan may communicate with the Dean of the College of Engineering, University of Florida.

ENGINEERING STUDENTS AND LATIN AMERICAN STUDIES

Students who plan a career in Latin American countries may profitably choose certain electives with a view to familiarizing themselves with Latin American language and civilization. The permitted free electives may be chosen here without formal approval. Further Latin American courses may be taken only if approved as professional electives by the Dean of the College of Engineering.

Suggested Latin American Area courses include the following: Spanish language and literature, Brazilian language and literature, Latin American history, government, geography, sociology, and (following general economics) Latin American economics.

ENGINEERING LABORATORIES

The practicality of an engineering education depends in large measure upon the engineering laboratories. A working knowledge of machinery, dynamos, turbines, boilers, microscopes, and measuring equipment—depending upon the branch of engineering chosen—is an inherent part of the student's education. It is, therefore, the aim of the College of Engineering to provide the student experience with the most modern equipment available so that when he enters the profession he will be well acquainted with the equipment currently in use as well as the basic principles underlying their function.

To this end the College of Engineering has procured materials and equipment for its laboratories which serve the dual purpose of student instruction and research on new and continuing projects for the Engineering and Industrial Experiment Station. The close coordination of teaching and research in the College of Engineering cannot be overemphasized. Wherever feasible students are given an opportunity to observe and participate in research projects of the Station. Students who may benefit by additional laboratory work, and who have the necessary educational experience, may be given special permission to carry on individual experimentation in research.

AERONAUTICAL ENGINEERING LABORATORIES

Visual instruction and experimentation with the theoretical principles learned in the classroom are emphasized in the Aeronautical Engineering Department. The Aircraft Structures and Design laboratories contain a North American P-51 ("Mustang"), powered with a Packard-Rolls-Royce liquid-cooled engine; a Gruman F6F ("Wildcat"), powered with a Pratt & Whitney radial engine, and various aircraft component mockups, all of which are used for cut-away studies of design and construction. The Aircraft Instrument Laboratory contains a large selection of sectionalized aircraft instruments, including engine, navigational, flight and aircraft functional types, together with the necessary equipment for testing, calibrating and demonstrations. Equipment for drop-testing landing gear, weighing devices for accurately determining the weight and balance of various aircraft, are featured in the laboratories. Modern strain gauge recording equipment with automatic scanning is used for stress analysis on aircraft wings and components. Aircraft wing panels in test jigs with static and dynamic methods of loading are investigated for stress distribution.

The Aerodynamics Laboratory is equipped with a recirculation wind tunnel of open or closed throat, 18" x 30", with a velocity of 120 m.p.h. in the test section. The forces on the model are measured by means of a six component balance system electronically controlled. Models of various types are available for experimentation and in-

clude wing sections, aircraft models, turbulence spheres, buildings, etc. A small visual smoke tunnel is available for two dimensional flow studies, and a small Prandtl type tunnel is used for qualitative aerodynamic studies.

Aircraft flight and instrument studies are carried to the local air field where the Department maintains contractual arrangements for actual flight testing. A high-speed motion picture camera and grid screen is used for photographing instruments and aircraft in flight for further analysis and study of aircraft performance values.

The Aeronautical Engineering Department maintains shop facilities for the fabrication of experimental test models. These shop facilities are staffed by technicians experienced in aircraft techniques and demonstrations of aircraft processes such as used by industry are given to students studying Aircraft Materials and Processes.

The National Advisory Committee for Aeronautics reports are on file in the University library together with copies of the modern texts in the fields of aerodynamics and airplane design.

Field trips are scheduled for visits to airline and military bases to study engineering aspects of operation and maintenance and provide an opportunity for first-hand study of the operational problems of airline transportation and military operation. The Department has an arrangement with Eastern Airlines for an annual sponsored trip to inspect their shops and facilities at the Miami airbase. Attendance on this trip will satisfy the field trip requirement for graduation. Flight training is available for individual students at the two local airports.

CHEMICAL ENGINEERING LABORATORIES

Resembling a small-scale refining plant, one section of the Unit Operations laboratory of the Chemical Engineering Department has its own specially designed and built equipment for the study of distillation, filtration, centrifuging, heat transfer, gas absorption, solvent extraction, evaporation, drying, etc. Another section could serve as the pilot plant of a mineral processing company where crushers and grinders, flotation machines, mixers and conveyors prevail. Elsewhere there are jacketed and unjacketed kettles for such processes as nitration, sulfonation and hydrogenation, and apparatus for the study of reactions at atmospheric pressure, elevated pressure and vacuum with or without agitation.

Chemical experiments on a smaller scale than those conducted in the Unit Operations laboratory are carried out in the Technical Laboratory which has such specialized equipment as viscosimeters, flash testers, gas analysis apparatus, calorimeters, and equipment for checking and calibrating instruments for measuring and controlling process variables. For analytical purposes there is provided a typical chemistry laboratory equipped with balances, burettes, test tubes and similar miscellaneous equipment.

Since chemical engineering is concerned with the development and application of manufacturing processes in which chemical or certain physical changes of materials are involved, these laboratories with their intricate apparatus, are designed to demonstrate how this is accomplished.

Students are required to perform some experiments on equipment not located in the chemical engineering laboratories. These include air-conditioning, humidity and temperature control tests on other equipment which is part of the University plant.

The Research Laboratories are well suited for fundamental and applied studies of many types. Active fields of research at the present time include: corrosion, wood utilization and preservation, pulp and paper studies, utilization of Florida clays, solar energy studies, industrial waste utilization and disposal, plastic mounting of botanical specimens, specialty uses of limerock, insect and mildew control, petroleum studies, the fluoro-carbons, heat transmission, thermodynamics, recovery of fluorine from phosphate rock and refining and utilization of tall oil.

CIVIL ENGINEERING LABORATORIES

Civil Engineering deals with the conception, the design, the construction, and the operation of engineering structures, such as bridges, buildings, dams, highways, airports, water supply and waste treatment systems, docks, and harbors. The Civil Engineer works with large projects of public and semi-public nature that will strongly affect the economic and social life of many people. It is essential that he acquire a broad knowledge of the fundamentals of engineering and combine these with experience, good judgment, and personal integrity of the highest order.

Brief descriptions of each of the laboratories available for study and specialization in the Department follow:

The Materials Testing Laboratory has several universal testing machines, one of which is a 400,000-lb. capacity high column type. All necessary accessories are available for a variety of tests on iron, steel, cement, concrete, brick, etc. Modern precision instruments are used for structural analysis and research, and for laboratory classes.

The Experimental Stress Analysis Laboratory includes Begg's Deformeter apparatus, measuring microscopes, M.I.T. Moment Deformeter and Moment Indicator, 12-in. polaroid polariscope with loading frame and camera, and SR-4 Strain Gauge Equipment.

The Surveying Instrument Room contains transits, levels (wye, dumpy, precise) repeating theodolite, self-recording theodolite, plane tables, planimeters, hand levels, clinometers, precise base line measurement apparatus, Gunters chains, stereoscopes and smaller equipment necessary for proper instruction and practice of surveying in field and office. The student may familiarize himself with all the devices needed for elementary, higher and forest surveyings.

The usual items for routine tests on cement and aggregates thereof are to be found in the Concrete Laboratory. Special equipment includes the Sonic Modulus Apparatus, Compression Machine, Gilson and Rotap sieves, permeability apparatus, beam-testing apparatus, length comparators, molds and miscellaneous items.

In the Soil Mechanics Laboratory routine testing of soils for classification purposes is conducted, including mechanical analysis, plastic limit, shrinkage limits, liquid limits, etc. Moisture-density relationships in soils is studied with automatic soil tamper and a set of Proctor plasticity needles. The structural properties of soils can be evaluated by use of a direct shear machine, traxial shear machine, and Casagrande type consolidometers. Soil stabilization studies are carried on by use of a Florida Soil Bearing Machine and California Bearing Ratio Equipment.

The Highway Materials Laboratory provides for routine testing and identification of bituminous materials used in highway construction. Viscosimeters, penetrometers, flash point testers, a ductilometer and other equipment needed for this type of testing crowd the Highway Building. Bituminous paving mixes may be studied by use of a Hubbard-Field Stability apparatus and centrifuge extraction device.

One of the features of the University campus is a modern up-to-date pilot plant for the study of sewage treatment methods. The pilot plant extends over an acre in area and contains 31 scale-model units actually in the process of sewage treatment. The various model units are designed to provide the greatest flexibility in sewage treatment. Three or more conventional treatment processes are in operation simultaneously on pilot plant scale treating approximately 90,000 gallons of sewage or trade waste each day. The pilot plant, together with the main campus sewage disposal plant, comprise the field laboratory for sanitary engineering studies and research. There are also two modern instruction and research laboratories fully equipped for the biological, biochemical and bacteriological studies necessary for water and sewage treatment. Public Health Engineering has become a separately accredited option in Civil Engineering.

ELECTRICAL ENGINEERING LABORATORIES

Students majoring in either option in Electrical Engineering—power and communications (radio and electronics)—will become familiar with most of the laboratories and equipment described here. In the Dynamo Laboratory he will find representative rotating and stationary electrical machinery: for elementary study, three-unit d-c and a-c dynamometer sets, automatic d-c and a-c motor control panels which demonstrate the various types of motor starting and control, and also a number of single and polyphase transformers. For advanced instruction, such units as the exploring coil generator, amplidyne, mototrol, synchronous converter, sign-wave generator, synchronous dynamometer set, rectifier-inverter units and several matched sets of selsyn units provide a wide selection for specialized study. In addition to standard instrumentation, there are available in the laboratory recording ammeters and voltmeters, and a late model 6-element magnetic oscillograph.

In the Electronics Laboratories the student will find many of the most modern devices in this field, together with the necessary equipment to analyze and test their performance. A partial list includes numerous types of transmitting and receiving devices, including short-wave and frequency modulation, television apparatus and wire-communication equipment. Special devices include signal generators, square wave generators, audio and radio frequency oscillators, radio frequency bridges, field strength measuring equipment, precision wave meters, cathode ray tubes, crystal control standards of frequency, and a large variety of all types of electron tubes.

Emphasis on electronic equipment for a wide variety of industrial uses characterizes the Industrial Electronics Laboratory, as the name implies. Devices include a large water-cooled ignition rectifier, a general purpose timer, light sensitive control units, electronic synchronizer, an electronic high frequency dielectric or induction heating unit, electronic generator voltage regulator, d-c motor speed regulator, plus a wide variety of current regulator tubes, thyratrons and kenotrons for testing. In many instances, testing is done under service operating conditions as in the case of the "Precipitron" electrostatic air cleaner, the resistance welder with electronic control, and the industrial X-ray equipment. This working approach to engineering education is carried even further by the Illumination Laboratory in first-hand study of lighting problems in homes, office buildings, factories, schools, street and highway lighting throughout the State.

The Precision Laboratory is organized for calibrating standardized equipment and is available to the utilities of the State for the solution of special problems. In addition

to precision instruments there is a double sine wave alternator for special testing purposes, and miscellaneous instruments of various types include oscillographs, and a klydonograph, for performing tests on types of electrical equipment.

Radar equipment is available for instruction in V.H.F. and microwaves. This apparatus consists of both complete assemblies, and component units, such as cavity resonators and test equipment. Complete installations for the 3 and 10-cm. units are in operation, and are used both for research and instruction. Units vary in power output up to 1 megawatt peak power. Additional equipment is continuously being procured for instruction and research.

A well-equipped Electronics Research Laboratory offers excellent facilities for electronic and "sferics" investigation. It is the scene of an extensive research program in wave propagation and radio atmospheric storm location using both University-owned and Government-loaned instruments and equipment. Here both graduate and undergraduate students may find part-time employment, and may take advantage of unexcelled opportunities for thesis investigations.

ENGINEERING MECHANICS LABORATORIES

Experimental work in hydraulics and fluid mechanics is conducted at Reed Laboratory under the direction of the Engineering Mechanics Department. A 4-inch by 5-inch centrifugal pump, rated at 450 g.p.m. for 65 ft. of head, provides the flow for a pipe system which includes a variety of metering devices as well as experiments in pipe friction and other types of head losses. A 10-inch by 12-inch centrifugal pump, rated at 1750 g.p.m. for 32 ft. of head, provides most of the open channel flow which includes flow through a Venturi flume and through various types of weirs. A large 16-inch propeller pump, rated at 4500 g.p.m. for 15 ft. of head, is also available for more advanced experimental work. The laboratory is also equipped with a Pelton wheel, a reaction turbine, a hydraulic ram, and numerous other items of equipment applicable to the study of fluid mechanics and hydraulics.

INDUSTRIAL ENGINEERING LABORATORIES

Training and research in the fields of time and motion study and plant layout are featured in the Industrial Engineering Laboratory which utilizes the following facilities: specialized 8- and 16-mm. motion picture cameras and projectors for the recording and analysis of human motions; precision timing devices for determining the time required for the performance of work; specialized charts, forms and models for determining efficient working procedures and plant layouts. In addition, a large variety of hand tools and several machine tools including a drill press, band saw, jig saw and bench lathe are provided to permit the making of labor-saving jigs and fixtures, plant layout models etc., and to provide operation set-up to be analyzed by time and motion study. Visual aid equipment includes conventional 8- and 16-mm. silent projectors, a 16-mm. sound projector and an opaque projector.

MECHANICAL ENGINEERING LABORATORIES

Mechanical engineers are employed in the development, design, manufacturing, and application of all types of machinery. The laboratories are designed to give the

student first hand knowledge of the engineering principles, processes, and equipment studied in the classroom. Laboratory work supplements classroom study and presents in a better way those things which are vital to an engineer's training.

The principal objectives of laboratory training are: (1) To teach the student the proper selection and use of instruments in connection with problems of research, design, and testing; (2) To acquaint the student with a wide range of equipment such as air conditioners, turbines, jet engines, and many other types used today; (3) To train the student in the preparation of engineering reports so as to give him greater command of written English.

The Manufacturing Operations Laboratory comprises a wide selection of modern machine tools including automatic lathes, milling machines, shapers, belt and disc grinders, contour saws, filing saws, and a pantograph. Precision testing and inspection equipment is studied including X-ray, magna-flux, optical comparators, Johansson gage blocks, and super-micrometers.

The Welding and Heat Treating Laboratories give the student actual experience with both alternating current and direct current electric welders, spot welders, atomic hydrogen arc welding and various types of flame welding and cutting methods, including automatic cutting machines. The deposition of metal by means of the metal spray gun is also included. Many types of electric and gas fired heat treating furnaces are available including those with controlled inert gas atmospheres.

The Metallography Laboratory has very complete equipment for studying the internal crystal structure of metals. Several metallurgical microscopes with camera equipment are used by students to photograph the crystal structure of a wide range of metals. Suitable polishing, etching, and chemical identification laboratories are available for this work. Dark rooms are provided for developing pictures made of metal structure.

The Steam Power Laboratory includes a complete steam generating station with boiler, turbines, engines, condenser, cooling tower, pumps, and the necessary specialized instruments for testing all these devices. An integral part of this laboratory is the fuels testing laboratory where the student determines the chemical and physical properties of fuels and also the control tests required for boiler water.

The Internal Combustion Engine Laboratory includes a wide range of automobile, aviation, and diesel engines. Electric and hydraulic dynamometers are provided for testing engines with speeds as high as 6000 revolutions per minute. The laboratory equipment includes a turbo-jet engine, and a special experimental aircraft engine being tested in cooperation with the Army Air Force. High speed engine indicators for showing gas behavior inside of aviation and automobile engine cylinders are used in connection with research in this field.

The Refrigeration and Air Conditioning Laboratory includes both ammonia and freon equipment of various sizes and types used both in air conditioning and commercial refrigeration. Test units of the following types are available: water spray, direct expansion, ice melting, and ice accumulator. There are many systems of heating and air conditioning installed on the campus which vary in size from small package units to those in excess of 350 tons of refrigeration.

The Mechanical Engineering Department has an extensive staff of skilled technicians and a special set of shops which are available for building all types of special research equipment. These shops serve the College of Engineering including the En-

gineering and Industrial Experiment Station and all other units of the University requiring precision work. Also a wide range of specialized research instruments are available for many types of experimental investigations which are conducted in the graduate program and the numerous projects of the Engineering and Industrial Experiment Station.

MASTER OF SCIENCE IN ENGINEERING

All graduate students are registered in the Graduate School of the University. See the Graduate School section of the *Catalog*.

All instructional departments in the College of Engineering offer graduate work leading to the degree of Master of Science in Engineering. The Department of Chemical Engineering offers graduate work leading to the degree of Doctor of Philosophy.

There is considerable demand for engineers with graduate degrees, particularly in research, design and development work, and teaching. The facilities of the College, including the Florida Engineering and Industrial Experiment Station, are exceptionally well adapted for graduate study. Any undergraduate student whose scholastic average is well above average is urged to consider seriously the possibility of doing graduate work. The Dean and the various members of the staff of the College will be happy to confer with students in regard to graduate study.

DOCTOR OF PHILOSOPHY DEGREE IN ENGINEERING

The Doctor of Philosophy Degree is awarded in both Chemical and Electrical Engineering. The general requirements for this degree are included in this catalog under The Graduate School. Further details may be secured from the Dean of the Graduate School or the Dean of the College of Engineering.

PROFESSIONAL DEGREES

The professional degree of Aeronautical Engineer, Agricultural Engineer, Civil Engineer, Chemical Engineer, Electrical Engineer, Industrial Engineer or Mechanical Engineer will be granted to a graduate of the College of Engineering of the University of Florida who has:

(a) Shown evidence of having satisfactorily practiced his profession for a minimum of five years following receipt of the Bachelor's degree, during the last two years of which he shall have been in responsible charge of important engineering work. A graduate who is a registered engineer in the State of Florida will be accepted as satisfying this requirement.

(b) Presented a thesis showing independence and originality and of such a quality as to be acceptable for publication by the technical press or a professional society.

(c) Satisfactorily passed an examination at the University upon the thesis and professional work.

A candidate for a professional degree must make application to the Dean of the College of Engineering prior to March 1 or November 1 of the semester in which he expects to have the degree conferred. He must also make application for a degree to the Registrar in accordance with the dates specified in the University Calendar. If the candidate appears to satisfy requirements listed in section (a) above, the Dean will

appoint a committee which shall satisfy itself that the candidate has fulfilled all requirements for the degree and report its recommendation to the faculty of the College of Engineering which will have final authority to recommend to the President and the Board of Control the conferring of the degree.

REGULATIONS

Honor Student Designation.—To be eligible for the designation of Honor Student in the College of Engineering a student must have earned an honor point average of 3.20 or higher in all work taken while in the Upper Division. To be eligible for such designation he must also have been registered in the College of Engineering for at least one semester and have received credit for a minimum of 16 hours of work. A student who meets these requirements will be notified in writing by the Dean's Office.

An Honor Student, so long as he maintains the necessary scholastic standing, may be granted by the Dean, upon recommendation of the department head, certain privileges.

Graduation with Honors.—To graduate with Honors, a student must have completed the work of the Upper Division and must have received an honor point average of 3.20 or higher in all work taken while registered in the Upper Division.

Graduation with Honors is not dependent upon the student's having been designated as an Honor Student, nor does such designation insure subsequent graduation with Honors.

Graduation with High Honors.—A student may be graduated with High Honors provided he meets the following requirements:

A. (1) Has secured an honor point average of at least 3.40 in work taken while registered in the Upper Division.

(2) Commences work on a High Honors project normally two semesters prior to graduation, but, in any case, not later than the beginning of his last semester.

(3) Completes this independent work and presents a thesis satisfactory to the Committee and to the faculty of the College.

(4) Satisfactorily passes a comprehensive examination given him by his committee. This examination shall, in general, be of an oral type. Final date for this examination shall be not less than 14 days prior to the date of convocation.

B. In those cases where a student will apparently secure an Honor point average of 3.80 or higher in work taken in the Upper Division, he may, upon recommendation of the department head and approval of the Dean, be invited to appear before a special committee for an examination. This examination shall be administered not later than 14 days prior to the date of convocation. The Committee will report its findings to the Dean through the department head, after which the student may be considered for recommendation by the faculty of the College of Engineering for graduation with High Honors. In such cases, graduation with High Honors is not on a scholastic basis alone, but is based upon breadth of knowledge as evidenced by the satisfactory completion of the comprehensive examination.

Credit may be obtained for High Honors project work by prior registration in courses numbered 497 and 498 carrying the appropriate departmental prefix. Credit in these courses is variable from zero to three hours and must be determined at the time of registration. The total credit allowed for such work shall in no case exceed three credit hours.

A copy of the detailed regulations governing graduation with High Honors may be obtained from the Office of the Dean.

English Requirement.—The responsibility for the correct and effective use of his spoken and written English rests primarily upon the student. Any instructor in the College of Engineering may, at any time, with the approval of the head of his department and the Dean of the College of Engineering, require a student who shows a deficiency in English to complete additional courses, over and above the curriculum requirements, in the Department of English.

Physical Education Requirement.—A University regulation requires that each undergraduate male student register for and participate satisfactorily in the prescribed program of Required Physical Education until he receives his degree or has been in attendance eight semesters. This program carries no academic credit. The requirement for transfer students and those who graduate in less than eight semesters is adjusted on an individual basis by the Head of the Department of Required Physical Education for Men. This requirement is in addition to the prescribed curricula listed on the following pages.

Thesis.—Theses are not required of candidates for the Bachelors' degrees in the College of Engineering. However, exceptional students, whom the head of a department believes would be benefited thereby, may be granted permission by the Dean of the College, upon recommendation of the head of the department, to undertake a thesis in lieu of prescribed or elective work in the department in which he is enrolled. Not more than four semester hours will be allowed for such thesis work.

Credit for Practical Work.—Upon the recommendation of the Head of the Department and the approval of the Dean, a student during his course of study may do practical work under competent supervision in industry, and upon rendering a satisfactory report based upon a previously approved outline and passing an examination, may receive college credit not to exceed 3 semester hours.

Average Required for Graduation.—The requirement for graduation with a Bachelor's degree is a composite average of "C" or higher in all work taken while in the Upper Division.

Plant Trip Requirement.—All candidates for the Bachelor's degree must take part in a plant inspection trip. Details concerning this requirement should be secured by each student from the head of the department in which he is enrolled.

ADMISSION REQUIREMENTS

To be admitted to the College of Engineering the students should present a certificate of graduation from the University College and be certified by the Entrance Committee of the College of Engineering as qualified to pursue a curriculum leading to a degree in engineering. A student in the University College must choose the proper prerequisite subjects for his professional courses if he desires to graduate in minimum time. Furthermore, he must assume full responsibility for registering for all required

courses in their proper sequence and for fulfilling all requirements for admission to the College of Engineering. The courses prerequisite for admission to the College of Engineering include:

C-1	CY. 105-106
C-3	MS. 105-106
C-5	MS. 353-354
Military Science	ML. 181
Physical Education	PS. 205-206; 207-208
Departmental prerequisites as specified	

Suggested sequences of prerequisites follows:

	Freshmen Year	Sophomore Year	
	Second Semester	First Semester	Second Semester
Aeronautical Engineering	ML. 182	ML. 282	ML. 281, EM. 365
Agricultural Engineering	ML. 182	AG. 306, GY. 203	AL. 211, EM. 365
Chemical Engineering	ML. 182	CY. 205	CG. 347
Civil Engineering (General)	ML. 182	CL. 223	CL. 226, EM. 365
Civil Engineering (Public Health)		C-61, CY. 205	BLY. 161, EM. 365
Electrical Engineering	ML. 182	ML. 282	EL. 211, EM. 365
Industrial Engineering	ML. 182	ML. 282	EM. 365
Mechanical Engineering	ML. 182	ML. 282	ML. 281, CG. 361

The student should endeavor to complete these courses before entering the College of Engineering. In some cases, upon the recommendation of the Entrance Committee of the College of Engineering, a student who has not completed all the prerequisite courses may be admitted and permitted to register with conditions until he completes them.

Since engineering courses numbered 400 and higher are of a professional nature, only those students registered in the Engineering College may enroll in such courses except by special permission in writing from the Dean of the College of Engineering.

CURRICULA

CURRICULUM LEADING TO THE DEGREE OF BACHELOR OF AERONAUTICAL ENGINEERING

		Junior Year	Credit Hours 1st Sem.	Credit Hours 2nd Sem.
ML.	385	Thermodynamics	3	0
ML.	387	Mechanical Laboratory	1	0
EL.	341-342	Elements of Electrical Engineering	3	3
EL.	349-350	Dynamo Laboratory	1	1
EM.	366	Engineering Mechanics—Dynamics	3	0
EM.	367	Strength of Materials	0	3
CL.	368	Strength of Materials Laboratory	0	1
AN.	385	Aircraft Materials and Processes	0	3
AN.	381-382	Aerodynamics	3	3
AN.	383-384	Aeronautical Laboratory	1	1
			15	15
		Senior Year		
ML.	489-490	Manufacturing Operations	3	3
ML.	481	Internal Combustion Engines	3	0
ML.	483	Mechanical Laboratory	1	0
IG.	463	Specification, Engineering Relations Industrial Safety	3	0
AN.	491-492	Aeronautical Seminar	1	1
AN.	485-486	Airplane Design	3	3
AN.	487-488	Aircraft Structures	3	3
AN.	490	Aircraft Propulsion	2	0
AN.	493	Aeronautical Laboratory	0	2
			19	12

Approved Electives —5 hours
Approved Non-Technical Electives—6 hours
Lower Division Credit Hours Required 73
Upper Division Credit Hours Required 72

Total 145

CURRICULUM LEADING TO THE DEGREE OF BACHELOR OF AGRICULTURAL ENGINEERING

		Junior Year	Credit Hours 1st Sem.	Credit Hours 2nd Sem.
AY.	321	General Field Crops	3	0
BTY.	303-304	General Botany	3	3
EL.	341-342	Elements of Electrical Engineering	3	3
EL.	349-350	Dynamo Laboratory	1	1
EM.	366	Dynamics	3	0
EM.	367	Strength of Materials	0	3
EM.	327	Hydraulics	0	4
CL.	223	Surveying	3	0
SLS.	301	Soils	3	0
ML.	385	Thermodynamics	0	3
ML.	387	Mechanical Laboratory	0	1
			19	18
		Senior Year		
AG.	301	Draining and Irrigation	3	0
AG.	302	Farm Motors	3	0
AG.	401	Farm Structures	3	0
AG.	403	Agricultural Engineering Investigations	2	0
AG.	408	Soil and Water Conservation	0	3
AG.	409	Agricultural Engineering Seminar	0	1
AS.	306	Farm Management	0	3
CL.	368	Strength of Materials Laboratory	1	0
HE.	312	Vegetable Gardening or		
HE.	341	Citrus Growing	0	3
			12	10

Approved Technical Electives —8 hours
Approved Non-Technical Electives—6 hours
Lower Division Credit Hours Required 76
Upper Division Credit Hours Required 73

Total 149

CURRICULUM LEADING TO THE DEGREE OF BACHELOR OF CHEMICAL ENGINEERING

Junior Year

			Credit Hours 1st Sem.	2nd Sem.
CG.	348	Industrial Stoichiometry and Fuels	4	0
EM.	365	Statics	3	0
CY.	301-302	Organic Chemistry	4	4
CY.	401-402	Physical Chemistry	4	4
CY.	481-482	Chemical Literature	½	½
CG.	447	Principles of Chemical Engineering	0	3
CG.	467	Chemical Engineering Thermodynamics	0	3
			15½	14½

Senior Year

			1st Sem.	2nd Sem.
CG.	442	Seminar in Chemical Engineering	0	1
CG.	443-444	Chemical Engineering Laboratory	2	2
CG.	448	Principles of Chemical Engineering	3	0
CG.	468	Chemical Engineering Thermodynamics	3	0
CG.	451	Chemical Engineering Economics	2	0
CG.	454	Chemical Engineering Process Design	0	5
EM.	369	Applied Mechanics for Chemical Engineers	3	0
EL.	341-342	Elements of Electrical Engineering	3	3
EL.	349-350	Electrical Engineering Laboratory	1	1
ML.	386	Power Engineering or		
ML.	384	Metallography and Heat Treatment	0	3
			17	15

Approved Electives —6 hours
*Approved Non-Technical Electives—6 hours
Lower Division credits required 72
Upper Division credits required 74

Total 146

*Students who intend to take graduate work should take German or French (6 hours)

CURRICULUM LEADING TO THE DEGREE OF BACHELOR OF CIVIL ENGINEERING

(GENERAL OPTION)

Junior Year

			Credit Hours 1st Sem.	2nd Sem.
CL.	311	Structural Drawing	2	0
EM.	313	Fluid Mechanics	4	0
EM.	314	Hydraulic Engineering	0	3
CL.	321	Highways and Airports	0	3
CL.	323	Materials Laboratory	3	0
CL.	326	Statics of Simple Structures	4	0
CL.	333	Design of Reinforced Concrete	0	3
CL.	426	Water Supply and Treatment	0	3
CL.	411	Seminar	0	1
CL.	438	Statically Indeterminate Structures	0	3
EM.	367	Strength of Materials	3	0
ML.	381	Mechanical Engineering	3	0
GY.	210	Engineering Geology	0	3
			19	19

Senior Year

CL.	335	Design in Metals and Timber	4	0
CL.	412	Seminar	0	1
CL.	415	City and Regional Planning	0	3
CL.	429	Sewerage	3	0
CL.	444	Construction Methods and Estimating	0	3
IG.	463	Specifications, Engineering Relations and Industrial Safety	3	0
EL.	343	Electrical Engineering	0	3

Each Senior Civil Engineering student shall register for one of the following entire groups of electives, selected to suit his training objectives.

Structural Major

CL.	424	Soil Mechanics	3	0
CL.	443	Foundation and Harbor Structures	3	0
CL.	446	Highway Bridges	0	3
CL.	448	Industrial and Mill Buildings	0	3

Sanitary Major

CL.	425	Sewerage and Municipal Waste Treatment	0	3
CL.	427-428	Sanitary Engineering Laboratory	3	3
CY.	315	Chemistry of Water Treatment	3	0

Highway Major

CL.	424	Soil Mechanics	3	0
CL.	439	Highway Location and Drainage	3	0
CL.	446	Highway Bridges	0	3
CL.	450	Highway Construction and Materials	0	3

Administrative Major

ES.	205	Economic Foundations	3	0
ES.	327	Public Finance	0	3
BS.	401-402	Business Law	3	3
			16	16

Approved Non-Technical Electives—6 hours
Lower Division Credit Hours Required 73
Upper Division Credit Hours Required 76

Total 149

(PUBLIC HEALTH ENGINEERING OPTION)

Junior Year

			Credit Hours 1st Sem.	2nd Sem.
EM.	313	Fluid Mechanics	4	0
EM.	314	Hydraulic Engineering	0	3
CL.	323	Materials Laboratory	0	3
CL.	326	Statics of Simple Structures	4	0
CL.	333	Design in Reinforced Concrete	0	3
CL.	426	Water Supply and Treatment	0	3
CL.	438	Statically Indeterminate Structures	0	3
BCY.	304	Pathogenic Bacteriology	0	4
BCY.	301	General Bacteriology	4	0
EM.	367	Strength of Materials	3	0
CY.	262	Organic Chemistry	5	0
			20	19

Senior Year

CL.	223	Surveying	0	3
CL.	335	Design in Metals and Timber	4	0
CL.	422	Public Health Engineering	0	4
CL.	425	Sewage and Municipal Waste Treatment	0	3
CL.	427-428	Sanitary Engineering Laboratory	3	3
CL.	429	Sewerage	3	0
ML.	381	Mechanical Engineering	3	0
CY.	315	Chemistry of Water Treatment	3	0
EL.	343	Electrical Engineering	0	3
			16	16

Approved Non-Technical Electives—6 hours
Lower Division Credit Hours Required 74
Upper Division Credit Hours Required 77

Total 151

CURRICULUM LEADING TO THE DEGREE OF BACHELOR OF ELECTRICAL ENGINEERING

Junior Year

			Credit Hours 1st Sem.	2nd Sem.
ML.	385	Thermodynamics	3	0
ML.	387	Mechanical Laboratory	1	0
EM.	366	Engineering Mechanics—Dynamics	3	0
EM.	367	Strength of Materials	0	3
EL.	361-362	Electric Circuits	4	4
EL.	363	Electrical Machinery I	4	0
EL.	346	Communications	0	4
			15	11

Senior Year

ML.	489	Manufacturing Operations	3	0
IG.	463	Specifications, Engineering Relations and Industrial Safety	0	3
EL.	441-442	Seminar	1	1
		(Power Option)		
EL.	467-468	Electrical Machinery III and IV	5	5
EL.	473	Industrial Electronics	4	0
EL.	474	Electrical Engineering Problems (Power)	0	4
		(Communications Option)		
EL.	465-466	Communications Engineering	5	5
EL.	471	Electrical Machinery II	4	0
EL.	472	Electrical Engineering Problems (Electronics)	0	4
			13	13

Approved Technical Electives —6 hours
Approved Non-Technical Electives—9 hours
Upper Division Credit Hours Required 67
Lower Division Credit Hours Required 73

Total Credits 140

CURRICULUM LEADING TO THE DEGREE OF BACHELOR OF INDUSTRIAL ENGINEERING

Junior Year

			Credit Hours 1st Sem.	2nd Sem.
ATG.	211-212	Elementary Accounting	3	3
ES.	205-206	Economic Foundations of Modern Life	3	3
EL.	341-342	Elements of Electrical Engineering	3	3
EL.	349-350	Dynamo Laboratory	1	1
EM.	366	Engineering Mechanics—Dynamics	3	0
EM.	367	Strength of Materials	0	3
IG.	370	Job Evaluation	0	2
ML.	385	Thermodynamics	3	0
ML.	489-490	Manufacturing Operations	3	3
			19	18

Senior Year

IG.	460	Engineering Economic Analysis	0	3
IG.	463	Specifications, Engineering Relations and Industrial Safety	3	0
IG.	469-470	Plant Location and Layout	4	4
IG.	472	Human Engineering	0	2
IG.	477	Motion and Time Study	3	0
			10	9

Approved Technical Electives —9 hours
Approved Non-Technical Electives—8 hours
Lower Division Credit Hours Required 70
Upper Division Credit Hours Required 73

143

CURRICULUM LEADING TO THE DEGREE OF BACHELOR OF MECHANICAL ENGINEERING

Junior Year

			Credit Hours 1st Sem.	2nd Sem.
ML.	384	Metallography and Heat Treatment	3	0
ML.	385-390	Thermodynamics, Advanced Thermodynamics	3	3
ML.	386	Power Engineering	0	3
ML.	387-388	Mechanical Laboratory	1	1
EL.	341-342	Elements of Electrical Engineering	3	3
EL.	349-350	Dynamo Laboratory	1	1
EM.	365-366	Statics, Dynamics	3	3
EM.	367	Strength of Materials	0	3
CL.	368	Materials Laboratory	0	1
			14	18

Senior Year

IG.	463	Specifications, Engineering Relations and Safety	3	0
IG.	472	Human Engineering	0	2
ML.	473-474	Seminar	1	1
ML.	481	Internal Combustion Engines	0	3
ML.	483	Mechanical Laboratory	0	1
ML.	489-490	Manufacturing Operations	3	3
ML.	491	Machine Design	4	0
EM.	313	Fluid Mechanics	4	0
ML.	482	Refrigeration and Air Conditioning	0	3
ML.	484	Mechanical Laboratory	0	1
			15	14

Approved Electives —5 hours
Approved Non-Technical Electives—6 hours
Lower Division Credit Hours Required 73
Upper Division Credit Hours Required 72

145

SCHOOL OF FORESTRY

A Unit of the College of Agriculture

GENERAL STATEMENT

Curriculum I, for the degree Bachelor of Science in Forestry, is designed to provide a broad scientific education in the main fields of forestry, namely Forest Management and Economics, Forest Utilization, and Silviculture.

Curriculum II, for the degree of Bachelor of Science in Forestry with a major in Wildlife Management, is offered for students interested in this field.

The work leading to the degree of Bachelor of Science in Forestry meets the strictest requirements necessary in order that the student may be eligible for the Civil Service examinations required for employment with the United States Forest Service and other agencies.

The Austin Cary Memorial Forest, consisting of 2083 acres, located eight miles northeast of Gainesville on the Waldo highway, is used as an experimental forest where the student gets actual field practice. The School of Forestry has a nursery and a small sawmill with necessary equipment located on this forest for use in instruction. Naval stores operations and experiments are being carried on continuously. A dry kiln and wood preservation laboratory are located on the University Campus.

The University of Florida has 2500 acres of diversified forest lands in Putnam County, Florida, under long time lease agreement with the United States Department of Agriculture. This tract is known as the University of Florida Conservation Reserve. This area is available for studies in the various fields of forestry.

There are several industries at Gainesville, namely: a creosoting plant, pole and tie company, chemical retort company, box and crate factory, excelsior plant, and several sawmills located in the city or just outside the city limits. These afford quite a varied field of contact for the student during the time of his studies of these particular courses. Two large lumber mills with cutting capacities of approximately 100,000 board feet per working day are located within a radius of 100 miles of the University. These mills are visited from time to time in connection with the particular courses that have reference to lumber-using industries. The production and manufacture of pulp and paper are studied on cutting sites and in the mills. Two of the four National Forests of the State are less than fifty miles distant. These are visited by classes in different fields of work.

It is the aim of the School to develop young foresters with a broad outlook and a sound basic training in applied forestry, thus equipping them for work in any of the various fields that forestry affords.

REQUIREMENTS FOR ADMISSION

Graduation from the University College or its equivalent as determined by the Board of Examiners. The student should have completed the courses given in the University College statement and programs of study for forestry and wildlife management.

The student should ask for guidance in planning his work from the faculty of the School of Forestry at the time he enters the University.

REQUIREMENTS FOR GRADUATION

The student must complete a total of 74 semester hours in the upper division, including Military Science, if it is elected. Of this total, 5 hours must be earned during Summer Camp.

In cases where the substitute courses differ in number of credits from the courses for which the substitution is made, adjustment must be made in the elective credits so that the total number of credits will be 74 semester hours.

GRADUATION WITH HONORS

To graduate with honors students in the School of Forestry are considered separately from those in the College of Agriculture. For requirements see general statement for graduation with honors, College of Agriculture.

CURRICULUM LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN FORESTRY

Junior Year

Courses First Semester	Credits
FY. 227—Dendrology of Gymnosperms	2
FY. 229—Forest Mensuration	3
FY. 306—Forest Protection	3
FY. 311—Foundations of Silviculture	3
SLS. 301—Soils	3
FY. 318—Forest Utilization and Products	3
	17

Courses Second Semester	Credits
FY. 309—Wood Technology and Timber Physics	3
FY. 310—Reforestation and Nursery Practice	3
CL. 301—Forest Surveying	3
FY. 320—Silviculture	3
FY. 418—Logging and Lumbering	3
Electives	3
	18

Senior Year

Courses First Semester	Credits
FY. 409—Forest Finance	3
FY. 412—Seminar	1
FY. 419—Principles of Forest Management	3
EY. 351—Forest Entomology	3
Approved Electives	8
	18

Courses Second Semester	Credits
FY. 410—Forest History and Policy	2
FY. 412—Seminar	1
FY. 416—Forest Management Working Plans	3
FY. 420—Forest Economics and Administration	3
PT. 325—Forest Pathology	3
Approved Electives	5
	17

CURRICULUM LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN FORESTRY, SPECIALIZING IN WILDLIFE MANAGEMENT

Junior Year

Courses First Semester	Hours
FY. 229—Forest Mensuration	3
FY. 306—Forest Protection	2
FY. 311—Foundations of Silviculture	3
FY. 353—Principles of Wildlife Mgt.	3
BLY. 315—Mammalogy	3
FY. 318—Forest Utilization & Products	3
	17

Courses Second Semester	Hours
FY. 310—Reforestation & Nursery Practice	3
SLS. 301—Soils	3
FY. 320—Silviculture	3
FY. 354—Techniques in Wildlife Mgt.	3
FY. 412—Seminar	1
BTY. 306—Plant Kingdom—Higher Plants	3
	16

Senior Year

Courses First Semester	Hours
SCH. 241—Speech	3
FY. 412—Seminar	1
FY. 419—Principles of Forest Mgt.	3
FY. 434—Applied Wildlife Management	3
BLY. 301—Ichthyology	5
FY. 436—Waterfowl Management	3
Electives	3
	19

Courses Second Semester	Hours
FY. 410—Forest History & Policy	2
FY. 416—Forest Mgt. & Working Plans	3
FY. 420—Forest Economics & Admin.	3
FY. 435—Applied Wildlife Management	3
BLY. 320—Ornithology	3
BTY. 401—Plant Ecology	4
	18

SCHOOL OF JOURNALISM

A unit of the College of Arts and Sciences

The Curriculum of the School of Journalism leading to the Bachelor of Science in Journalism degree, is designed to provide the best possible education and professional training. It is in no sense narrowed to a technical or trade school.

The program aims to provide its students with a broad background in liberal arts and sciences—literature, economics, history, political science, sociology, psychology—which are vital aspects of contemporary life and essential to the well-trained journalist. Some of these cultural subjects are required, others elective, giving latitude to the likes and goals of individual students.

The general plan of education in journalism calls for the student to devote about three-fourths of his university career to general background courses. In the other fourth he is combining background knowledge with learning journalistic techniques and putting into actual practice these techniques.

ADMISSION

To enter the School of Journalism students are required to present a certificate of graduation from the University College and to be certified by the Board of University Examiners as qualified to pursue the work in this School.

If a student has completed the work of the University College and does not meet these admission requirements he may register in the University College for a program prescribed by the Director of the School of Journalism. If, at the end of the semester he has shown unmistakably that he is capable of doing work in this field, he will be regularly admitted to the School of Journalism. If his work in this trial program is unsatisfactory, his admission will be denied.

Transfer students or those with a special hour-credit problem who have not completed some of the pre-professional work in University College, may be admitted on probation to the School of Journalism on approval of the Director. They will be *expected,* however, to complete the lower-level work.

REQUIREMENTS FOR DEGREE

Students planning to major in journalism must take Introduction to Journalism and Principles of Journalism in University College. The remainder of the journalism courses are concentrated in the Upper Division, where twenty-eight hours of journalism is required in the Advertising, Editorial, or Radio News Sequence. This makes it possible for the student to take more than thirty hours of work in the Upper Division outside the School of Journalism. Forty hours of journalism, including four hours in University College, is the maximum for which a student may receive credit.

The minimum requirement for graduation from the School of Journalism is sixty-four semester hours in which the student must earn an average of C or better and must earn a grade of C or better in ALL journalism courses.

Students entering the School of Journalism must have a working knowledge of typewriting and must choose one of the professional programs of study—editorial radio news, or advertising. The Editorial Sequence is recommended for those going into editorial departments of newspapers or magazines, wire services or news agencies. Variations in the Editorial Sequence can be made for those seeking special training for weekly papers or public relations.

A Master's Degree with a major in Journalism is offered for graduate students.

NATIONAL STANDING OF SCHOOL

The School of Journalism of the University of Florida is accredited in the News-Editorial sequence by the American Council on Education for Journalism.

CURRICULUM LEADING TO THE DEGREE BACHELOR OF SCIENCE IN JOURNALISM

ADVERTISING SEQUENCE

Junior Year

Courses First Semester	Credits
JM. 301—Elementary Reporting	3
BS. 335—Principles of Marketing	3
BS. 433—Advertising	3
PSY. 306—Psychology Applied to Business and Industry	3
*Electives	4
	16

Courses Second Semester	Credits
JM. 315—Typography	3
JM. 318—Newspaper Management	3
BS. 333—Salesmanship	3
*Electives	7
	16

Senior Year

Courses First Semester	Credits
JM. 401—Newspaper Advertising	3
JM. 409—Law of the Press and Radio	3
JM. 421—Advanced Editing	4
*Electives	6
	16

Courses Second Semester	Credits
JM. 402—Radio Advertising	3
BS. 437—Retailing	3
JM. 411—Public Relations	3
*Electives	7
	16

*Recommended electives (At least three and not more than eight semester hours of Journalism.)

JM. 305—History of Journalism	3
JM. 404—Newspaper and Magazine Illustration	3
JM. 408—Public Opinion	3
JM. 403—Advanced Reporting	3
BS. 450—Small Retail Store Management	3
BS. 401—Business Law	3
BS. 434—Advertising Problems	3
BS. 438—Sales and Market Analysis	3
BS. 439—Principles and Problems of Merchandising	3
EH. 355—Business English	3
ART 241—Elementary Photography	3
CT. 360—Layout	3
ES. 203—Elementary Statistics	4
ES. 372—Labor Problems	3
ES. 404—Government Control of Business	3
ES. 407—Economic Principles and Problems	3
ES. 408—Economic Principles and Problems	3
ES. 469—Business Cycles and Forecasting	3
SCH. 421—Radio Promotion and Sales	3
SCH. 422—Radio Station Management	3

EDITORIAL SEQUENCE

Junior Year

Courses First Semester	Credits
JM. 301—Elementary Reporting	3
JM. 305—History of Journalism	3
JM. 317—Editorial Page and Contemporary Affairs	3
PCL. 301—American Government and Politics	3
HY. 245—Survey of American History	3
*Electives	1
	16

Courses Second Semester	Credits
JM. 315—Typography	3
PCL. 302—American Government and Politics	3
HY. 246—Survey of American History	3
*Electives	7
	16

Senior Year

Courses First Semester	Credits
JM. 403—Advanced Reporting	3
JM. 409—Law of the Press and Radio	3
JM. 421—Advanced Editing	4
*Electives	6
	16

Courses Second Semester	Credits
JM. 408—Public Opinion	3
JM. 413—Applied Journalism	3
*Electives	10
	16

*Recommended electives (Not more than 8 semester hours of Journalism.)

JM. 314—Magazine Writing and Editing	3
JM. 404—Newspaper and Magazine Illustration	3
JM. 406—Radio News Writing	3
JM. 411—Public Relations	3
ART 241—Elementary Photo.	3
EH. 401-2—American Literature	6
ES. 407-8—Economic Problems and Principles	6
EH. 306—Modern English Grammar	3
EH. 223-224—Masterpieces of World Literature	6
GPY. 305—Geography of Florida	3
HY. 301-302—American History	6
HY. 303-304—American History	6
HY. 351-352—Florida History	6
PCL. 412—City Government and Administration	3
PCL. 309-310—International Relations	6
SCH. 241—Effective Speaking	3
SCH. 314—Types of Public Discussion	3
SCH. 311—Speech Training for the Radio	3
SCH. 307—Interpretation of Literature	3
SY. 214—Sociological Foundations of Modern Life	4
SY. 424—Criminology	3
Foreign Language	12

RADIO NEWS SEQUENCE

Junior Year

Courses First Semester	Credits
JM. 301—Elementary Reporting	3
JM. 305—History of Journalism	3
SCH. 241—Effective Speaking	3
SCH. 307—Interpretation of Literature	3
HY. 245—Survey of American History	3
	15

Courses Second Semester	Credits
JM. 408—Public Opinion	3
SCH. 311—Speech Training for Radio	3
HY. 246—Survey of American History	3
*Electives	8
	17

Senior Year

Courses First Semester	Credits
JM. 403—Advanced Reporting	3
JM. 409—Law of Press and Radio	3
JM. 421—Advanced Editing	4
PCL. 301—American Government and Politics	3
SCH. 321—Radio Programming and Direction	3
	16

Courses Second Semester	Credits
JM. 406—Radio News Writing	3
JM. 402—Radio Advertising	3
PCL. 302—American Government and Politics	3
SCH. 318—Radio Writing	3
*Electives	4
	16

*Recommended Electives (At least 3 and not more than 8 semester hours in Journalism):

JM. 314—Magazine Writing and Editing	3
JM. 317—Editorial Page and Contemporary Affairs	3
JM. 404—Newspaper and Magazine Illustration	3
JM. 411—Public Relations	3
JM. 413—Applied Journalism	3
EH. 223-224—Masterpieces of World Literature	6
EH. 306—Modern English Grammar	3
EH. 401-402—American Literature	6
ES. 407-408—Economic Principles and Problems	6
Foreign Language	12
GPY. 305—Geography of Florida	3
HY. 301-302—American History	6
HY. 303-304—American History	6
HY. 351-352—Florida History	6
PCL. 309-310—International Relations	6
PCL. 412—City Government and Administration	3
SCH. 314—Types of Public Discussion	3
SCH. 322—Radio Programming and Direction	3
SCH. 328—Educational Radio	3
SCH. 421—Radio Promotion and Sales	3
SCH. 422—Radio Station Management	3
SY. 214—Sociological Foundations of Modern Life	4
SY. 424—Criminology	3

COLLEGE OF LAW

The College of Law, founded in 1909, began its work in the Thomas Hall Dormitory for men under the deanship of Albert J. Farrah, a graduate of the University of Michigan, who served from 1909 until 1912.

Following the administration of Dean Farrah, Thomas W. Hughes served as Dean from 1912 until 1915. The Law Building, erected in 1914, was one of the first permanent units on the campus.

Harry R. Trusler, also a graduate of the University of Michigan, was appointed to the deanship in 1915 and served in that capacity until 1947. During his administration the College of Law was accredited by the New York State Board of Regents in 1917, admitted to membership in the Association of American Law Schools in 1920, and recognized as an "A" school by the American Bar Association in 1925.

The College of Law was opened to women students in 1925, and in 1933 the requirements for admission were increased to require an academic degree.

In September of 1941, the entire plant of the College of Law was dedicated and named in the memory of Nathan Philemon Bryan, Chairman of the Board of Control at the time of the founding of the College of Law, and former United States Senator and United States Circuit Judge. Also in 1941 the Law Library was built.

During the summer of 1948 the building which has housed the College of Law since 1914 was completely renovated. A new office suite was added for the Dean and additional offices for members of the faculty were provided. In the spring of 1950 construction of a new wing was completed, which provides a library reading room seating approximately one hundred and fifty students, a courtroom-auditorium with a seating capacity of approximately two hundred and fifty, and a suite of offices for the University of Florida Law Review.

The aim of the College is to impart a thorough, scientific, and practical knowledge of the law. It aims to develop keen, efficient lawyers, conversant with the ideals and traditions of the profession. Its policy is characterized by the emphasis of practice as well as theory; pleading as well as historical perspective; skill in brief making, as well as in giving legal information.

ADMISSIONS

Students without previous law school study are admitted at the beginning of the first and second semesters, but are not admitted to the summer session.

PROCEDURE FOR ADMISSION

Applicants for admission to the College of Law are required to file a preliminary application with the University Registrar on or before August 18 for the first semester, December 29 for the second semester. It will be impossible to consider applications received after these dates.

Upon receipt of the preliminary application, the Registrar will furnish final application forms. No applicant will be admitted until he has filed a complete transcript of his record from each law school, college or university attended (other than the University of Florida), and a written statement concerning his previous attendance at other law schools and, if he has attended another law school, a certificate from the Dean thereof that he is in good standing at that institution.

REQUIREMENTS FOR ADMISSION

Beginning Students. Except as hereinafter stated, applicants for admission must have received a degree in arts or sciences in an accredited college or university.

Combination Courses.—Applicants who are eligible for a degree in a combined course in the University of Florida or Florida State University upon the completion of one year of work in the College of Law, will continue to be admitted to the College of Law up to and including the second semester of 1951-1952. Thereafter no students will be admitted under the combined course program.

Veterans. Under existing legislation the College will continue to waive the last two semesters of preparatory college work required for entrance in all instances where the applicant has completed all preparatory college work required for admission except two semesters or less of study in preparatory subjects and where such applicant has failed to complete his or her last two semesters or less of preparatory study by reason of his or her having been inducted into any branch of the armed forces of the United States during or after the month of January, 1940, and where such completed work meets the standards of the Association of American Law Schools and the American Bar Association. (For information as to procedure necessary to qualify for the various types of educational benefits available to veterans of World War II, consult the University Catalog.)

Qualitative Requirement.—An applicant who has not received a degree must have maintained a scholastic average of C or higher on all college work undertaken.

Advanced Standing.—A student wishing to transfer from another accredited law school who, at the time of beginning his study of law, qualified for admission to this College under the above stated requirements for beginning students and who has maintained a scholastic average of C or higher on all previous law school work undertaken, may apply for admission with advanced standing. (Until September 1952, a student who has received his degree in arts or sciences in a combination academic and law program in an accredited college or university may apply for admission with advanced standing.) Courses completed with a grade of C or higher in other accredited law schools will be accepted for credit up to but not exceeding a total of thirty hours. (Until September, 1951, such credits will be accepted up to but not exceeding a total of 57 hours in the case of Florida students.)

In no case will credit be given for correspondence courses or other work not done in residence in an accredited law school.

In no case will a person who has received a law degree from an accredited law school be admitted as a candidate for the LL.B. degree.

FEES AND EXPENSES

Although expenses vary considerably with individual students, an unmarried Florida student attending the College of Law should anticipate expenses of at least $525.00 per semester estimated as follows: Registration fee $50.00; books and supplies $50.00; laundry and cleaning $35.00; room $90.00; board $200.00; incidental expenses $100.00. Non-Florida students are charged a registration fee of $225.00 per semester instead of the $50.00 fee charged Florida students. (Consult the University Catalog for details as to the classification of students as Florida or non-Florida students.)

Late registration increases the registration fee $5.00; this increased fee will not be waived for any reason.

A graduation fee of $10.00 to cover the cost of the candidates diploma and, rental of cap and gown, is payable at the time of the filing of the candidate's application for graduation.

Consult the University Catalog for the time and place of the payment of fees and expenses.

HOUSING

All communications or inquiries concerning housing, applications, deposit fees, and rent payments in University Housing facilities should be sent to the *Director of Housing, University of Florida, Gainesville.* A student may make his own arrangements direct with the property-owner for off-campus accommodations in private housing.

FINANCIAL ASSISTANCE

Student Employment.—The faculty of the College of Law recommends that students refrain from taking part-time employment during the first two semesters of study except in cases of absolute necessity. Consult the University Catalog for information concerning part-time employment at the University.

Scholarships.—No scholarship funds are available exclusively for law students. Consult the University Catalog for information as to scholarship funds which may be made available to law students.

Loan Funds.—The Senior Law Loan Fund, available to needy seniors in the College of Law, was established by the Law Class of 1938 and has been increased by subsequent gifts. Applications should be made to the Dean of the College of Law.

Consult the University Catalog for information as to other loan funds which may be made available to law students.

SUMMER SESSION

The College of Law conducts a summer session for students who have had one or more semesters of law study. Beginning students are not admitted to the summer session. Detailed information as to dates and courses is given in the *Bulletin of the Summer Session* which is usually published in April.

The faculty of the College of Law feels that continuous law study throughout the year is undesirable except in cases where it is essential that a student accelerate his work, and therefore strongly urges students who have been in continuous attendance for two or more semesters not to attend the summer session.

REQUIREMENTS FOR DEGREES

All degrees are conferred by the Board of Control at regular commencement exercises. All candidates for degrees are required to be present at commencement exercises (Baccalaureate Sermon and Commencement Convocation). A student who fails to attend without being excused by the Board of Control will not have his degree conferred until he makes another application and complies with this requirement.

The Faculty of the College of Law will recommend for the degree of Bachelor of Laws (LL.B.) candidates who have complied with the following requirements:

1. Completion, with a passing grade of courses totalling at least 85 credits, of which at least 55 must have been completed in this College. (In the case of a student admitted with advanced standing prior to September, 1951, at least 28 credits must have been completed in this College.)

2. Maintenance of either (a) a 2.0 honor point average on all work attempted after February 4, 1950, or (b) a 2.0 honor point average on the total of all work completed with a passing grade prior to February 4, 1950, and all work attempted after February 4, 1950.
3. Completion of at least 90 weeks of study in residence in an accredited law school, of which at least 56 must have been in residence in this College. (In the case of a student admitted with advanced standing prior to September, 1951, at least thirty weeks must have been completed in residence in this College.)
4. Completion of the last 28 credits and the last 30 weeks of study in residence in this College, unless other arrangements are made in advance by written petition approved by the faculty of the College of Law.

In cases of superior scholarship and intellectual attainments the Bachelor of Laws degree may be recommended *With Honors* or *With High Honors.* Ordinarily, to be eligible for consideration for the degree of *Bachelor of Laws With Honors* the candidate must have maintained an honor point average of 3.0 on all work attempted, and to be eligible for consideration for the degree of *Bachelor of Laws With High Honors* the candidate must have maintained an honor point average of 3.5 on all work attempted which work must include Legal Research or Law Review.

ADMISSION TO THE BAR

Under existing legislation upon presenting their diplomas and satisfactory evidence that they are twenty-one years of age and of good moral character, the graduates of the College are licensed, without examination, to practice in the courts of Florida.

STANDARDS OF THE AMERICAN BAR ASSOCIATION

The Council on Legal Education and Admissions to the Bar of the American Bar Association requests that attention be called to the Standards of the American Bar Association adopted in 1921 and by it recommended for enactment by all states. These Standards provide in effect that every candidate for admission to the bar, in addition to taking a public examination, shall give evidence of graduation from a law school which shall require at least two years of study in a college as a condition of admission, and three years of law study (or longer if not a full-time course), which shall have an adequate library and a sufficient number of teachers giving their entire time to the school to ensure actual personal acquaintance and influence with the whole student body, and which shall not be operated as a commercial enterprise.

LIBRARY

The Law Library contains over 32,000 volumes, with accessions being made at the rate of approximately three thousand volumes a year. In it are included the published reports of the courts of last resort in every state in the Union and of the Federal Courts, the English Reports, Full Reprint, the English Law Reports, Law Journal Reports, Law Times Reports, Dominion Law Reports, the Canadian Reports, Australian Reports, New Zealand Reports, Scottish Reports, and the Philippine Reports, together with a collection of digests, encyclopedias, series of selected cases, English and American treatises and textbooks, and the statutes of a majority of American jurisdictions including the Federal statutes.

LEGAL RESEARCH

The program in Legal Research (LW. 601) is a specific attempt to relate the study of law to practice by modeling instruction upon law office methods. The program is conducted as individual projects. Current problems, which are submitted by attorneys throughout the state, are used when available. The student is required to do individual research and to present his findings in the form of a legal memorandum. Emphasis is upon individual work and responsibility. Professional facility in research, analysis, organization, and expression must be fully demonstrated before credit is earned.

UNIVERSITY OF FLORIDA LAW REVIEW

The *University of Florida Law Review* is published four times a year by the student Editorial Board assisted by the Faculty Advisors. Approximately half of the publication is written by the students, and the remainder, written by specialists in various fields, is selected and edited by the Editorial Board. Emphasis as to subject-matter is on Florida and federal law. The work furnishes intensive training in research, organization, analysis and style. Members of the Editorial Board are selected on the basis of scholarship and past performance of law review work. After the freshman year, credit can be obtained for work satisfactory to the Faculty Advisors. Second-semester students are encouraged to participate as apprentices by way of training, in order to insure a place on the staff, and perhaps on the Editorial Board, in their junior and senior years.

STUDENT ORGANIZATIONS

The John Marshall Bar Association is the student bar association affiliated with the Florida State Bar Association and open to all members of the student body. It arranges for prominent members of the Bar to address the law students and has committees which advise with the faculty on matters of common interest such as curriculum and pre-law study.

Delta Theta Phi, Phi Alpha Delta, and Phi Delta Phi, national legal fraternities, and Phi Delta Delta, national legal sorority, have active chapters at the College.

PRIZES AND AWARDS

Harrison Company Award.—Kooman, Florida Chancery Pleading and Practice, with Cumulative Pocket Supplement is offered by the Harrison Company to the senior law student doing all his work in this institution who makes the highest record during his law course.

Harrison Company First Year Award.—Adkins, Florida Criminal Procedure Act Annotated, with Supplement, is offered by the Harrison Company to the first year law student making the highest average in twenty-nine hours of law taken in this institution.

Redfearn Prize.—For the past six years Hon. D. H. Redfearn of Miami has offered a prize of $50.00 for the best essay by a law student on some topic of legal reform. This prize will be continued in 1951-52.

CHANGES OF RULES—OFFICIAL NOTICES

The privilege is reserved to modify, amend or revoke any rules or regulations set forth herein upon due notice posted upon the official bulletin board of the College of Law.

All students are held responsible for knowledge of all matters posted on the official bulletin board.

ATTENDANCE—RULES OF DISCIPLINE

Satisfactory law study cannot be done without regular class attendance. When a student has been absent from a course twice as many class hours as the number of credit hours assigned to the course, that fact will be reported by the instructor to the Dean, who, in his discretion, may send an absence warning notice to the student. A student will be dropped from a course after two unexcused additional absences following such a warning notice.

All students are admitted subject to the rules of the University of Florida relating to discipline and any amendments thereof.

REGISTRATION

Registration dates are set forth in the University Calendar. Dates for summer session registration are listed in the Summer Session Bulletin. *Students are responsible for registering on these specified dates.* Late registration fees will be charged for students registering any time after the specified registration period.

All students must adhere to the registration procedure as announced by the Office of the Registrar. This includes not only filing the prescribed forms at the designated places, but also payment of all fees.

Change of Registration.—A student is not permitted to drop a course, add a course, exchange one course for another, or change sections in the same course without the approval of the Dean and the presentation at the Office of the Registrar of the cards authorizing the change. An instructor will not admit a student to or drop him from any class except after notification on the proper form from the Registrar's Office. No student will receive credit for any course for which he is not properly registered. *Dates within which courses may be dropped or added are set forth in the University Calendar.* No changes can be made after these dates except by permission of the University Senate Committee on Student Petitions after formal petition.

Maximum and Minimum Load.—No student may register in any semester for less than twelve credits nor more than sixteen credits of work without permission from the Dean.

Repeating Courses.—A student who has passed a course cannot repeat it. A student who has failed a course cannot repeat it, except that in exceptional circumstances, the Dean, in his discretion, may permit repetition of a failed course.

CURRICULUM AND GRADES

Program of Study—The program of study contemplates six semesters of work, beginning in the fall semester of the academic year, although efforts are made to adjust the program to meet the needs of students entering in the spring semester.

Integrated groups of courses are offered in the first and second semesters. All students are required to take the designated first year courses and to do so at the first opportunity. In exceptional cases the Dean may waive these requirements.

All work after the first two semesters is elective, except that all students are required to take LW. 408, Legal Ethics, in their fifth or sixth semester. Prerequisites for particular courses may be prescribed.

The privilege is reserved by each member of the faculty to limit the number and to prescribe any special qualifications of students in his courses and seminars.

The privilege is reserved to cancel any course or seminar where the registration for it does not warrant its being given in a particular semester.

Examinations.—In first semester courses mid-term examinations are held for the primary purpose of acquainting students with law school examinations. Examinations are given at the end of each semester in all courses.

Grading Scale.—Students' work is graded according to the following scale: A—excellent; B—good; C—satisfactory; D—poor; and E—failure. No numerical grades are given. Grades of I (Incomplete) and X (Absent from examination) are temporary grades, which must be changed to passing grades in accordance with the dates set in the University Calendar or be considered as grades of E in considering a student's record for graduation or in calculating averages. The grade of Ew is given where a student is dropped for non-attendance or unsatisfactory work.

Determination of Honor Point Average.—The honor point average is determined by computing the ratio of honor points to semester hours of work attempted. The student receives honor points according to the following scale: A equals 4 honor points per semester hour; B equals 3 honors points per semester hour; C equals 2 honor points per semester hour; D equals 1 honor point per semester hour; E (failure) equals 0 honor points per semester hour; Ew (dropped for non-attendance or unsatisfactory work) equals 0 honor points per semester hour; I (incomplete) equals 0 honor point per semester hour; X (absent from examination) equals 0 honor point per semester hour.

Probation and Exclusion Rules.—University regulations provide that a student who fails fifty per cent or more of his work in any term or semester, will be suspended one semester for poor scholarship and will not be readmitted to the University until the lapse of one semester except upon the approval of a formal petition to the Senate Committee on Student Petitions. A student who has been dropped once and in any subsequent period of attendance fails fifty per cent or more of his work, shall be suspended for poor scholarship and not be eligible for readmission.

In addition to the University exclusion rules, the following probation and exclusion rules are applicable to all students attending the College of Law:

A student who fails to maintain a 1.8 honor point average for all work attempted in any semester will be placed on probation for the next semester in which he is in attendance. A student on probation will be excluded at the end of the semester unless he maintains a 2.0 honor point average in all work attempted in that semester, or has a 2.0 cumulative honor point average in the total of all work completed with a passing grade prior to February 4, 1950, and all work attempted after February 4, 1950. A student excluded under this rule will not be readmitted except by special action of the faculty of the College of Law.

Grades of I and X will be considered as grades of E for the purpose of computing the honor point average under this provision until such time as they are changed to passing grades, at which time the honor point average will be recomputed on the basis of the permanent grades and the student restored to good standing, continued on probation, or immediately excluded as the application of the foregoing provision may require.

For the purpose of this provision a semester means either (1) the regular fall semester; (2) the regular spring semester; (3) both terms of the summer session, taken as a unit; or (4) if only one term of the summer session is attended, such term and the following regular semester attended, taken as a unit.

COLLEGE OF PHARMACY

GENERAL STATEMENT

All work offered in the College of Pharmacy meets the highest requirements of pharmaceutical instruction in this country. The College is accredited by the American Council on Pharmaceutical Education with a Class A rating and therefore receives recognition for its courses from all state boards requiring graduation from an accredited college of pharmacy as a prerequisite for examination and registration.

Senior students are given complimentary memberships in the Florida State Pharmaceutical Association. Upon graduation and registration as a pharmacist membership in the Association is granted free for another year.

The curriculum is designed to provide a systematic course of instruction in those subjects which are believed to be essential for the successful practice of pharmacy in drugstores, in hospital pharmacies, in the laboratories of the pharmaceutical, chemical, biological, and cosmetic industries, and as analysts and inspectors of food, drug, and cosmetic products. Graduates are in demand for sales work with wholesale and manufacturing pharmaceutical firms. Pharmacists are eligible for commission in the U. S. Public Health Service, the Army, and Navy.

The College of Pharmacy is housed in Leigh Hall, which is modern throughout. Fifteen thousand square feet of floor space and new equipment have been added recently. The latter includes pharmaceutical machinery for manufacturing medicinal products on a pilot-plant scale and new facilities for undergraduate and graduate work in pharmacy, pharmaceutical chemistry, pharmacology, and pharmacognosy.

A ten-acre tract has been allotted to the College of Pharmacy for use as a medicinal plant garden, which is used as a teaching adjunct and as a source of supply of fresh material for study, investigation, and classroom illustration.

The Chemistry-Pharmacy branch of the main library is housed in Leigh Hall. The library includes text and reference books and many American and foreign periodicals on chemical, pharmaceutical, and medical subjects.

The Bureau of Professional Relations was established in 1940 and is partially financed by an annual grant of $5,000 from the Florida State Board of Pharmacy. It actively assists in solving mutual problems of physicians and pharmacists. The work is approved by the Florida Medical Association and the Florida State Pharmaceutical Association. Many thousands of pieces of informative professional literature are mailed each year to members of both professions.

REQUIREMENTS FOR ADMISSION

(a) Graduation from the University College or its equivalent as determined by the Board of University Examiners, (b) recommendation of the Board of University Examiners, and (c) approval of the Dean of the College of Pharmacy.

Students planning to study pharmacy are advised to follow the program of study outlined under University College where a revised pre-pharmacy curriculum is given for those students entering the University in September, 1951, and thereafter. Only students having an average of C or higher will be admitted to the College of Pharmacy and/or pharmacy courses in the Upper Division. In addition, all pre-pharmacy students entering the University in September, 1950, and thereafter must have grades of C or higher in each of the following courses: C-42, CY. 101, CY. 102, PGY. 221, PGY. 222, PHY. 223, PHY. 224.

RESIDENCE REQUIREMENT

In keeping with the requirement of the American Council on Pharmaceutical Education all students expecting to earn the degree of B.S. in Pharmacy must be enrolled in one or more Pharmacy courses for a minimum of three academic years or a total of twenty-seven months. This regulation applies regardless of the number of studies completed in other fields.

GRADUATION WITH HONORS

To graduate *With Honors,* a student must have graduated from the University College *With Honors* and earn an honor point average of at least 3.0 in the work of the Upper Division or in lieu of graduation from the University College *With Honors* earn an honor point average of at least 3.2 in the work of the Upper Division.

To graduate *With High Honors,* a student must meet the requirements for graduation *With Honors* and be recommended for graduation *With High Honors* by the faculty.

BACHELOR OF SCIENCE IN PHARMACY

The Degree of Bachelor of Science in Pharmacy is awarded on completion of the curriculum as outlined below. Opportunity for some specialization is offered by the proper selection of the elective courses in the senior year.

MASTER OF SCIENCE IN PHARMACY

Courses are offered in the Graduate School leading to the degree of Master of Science in Pharmacy.

For requirements for the Master's Degree, see graduate school.

DOCTOR OF PHILOSOPHY

Courses are offered in the Graduate School leading to the degree of Doctor of Philosophy with specialization in pharmaceutical chemistry, pharmacy, pharmacognosy, and pharmacology.

CURRICULUM

To be eligible for the degree of Bachelor of Science in Pharmacy all requirements of the curricula for pharmacy students in both the University College and the College of Pharmacy must be completed. For example, if Pharmacy 223-224, Pharmacognosy 221-222, or PS. 101-102 are not completed in the University College, these courses must be completed after admission to the College of Pharmacy. However, in such cases these courses may be taken in lieu of an equal number of hours of options.

For all students who began pharmacy studies after July 1, 1948, a grade of C or higher is required in each semester of Pharmacy 361-362. An average of C or higher must be obtained in all courses required for a degree.

Curriculum to be Followed by Students Entering Upper Division Prior to September, 1953:

Junior Year

Courses First Semester	Credits	Courses Second Semester	Credits
CY. 203—Analytical Chemistry	3	CY. 205—Analytical Chemistry	4
CY. 262—Organic Chemistry	5	PLY. 364—Pharmacology	6
PLY. 363—Applied Physiology	5	PHY. 353—Organic and Analytical Pharmacy	5
PHY. 211—Inorganic Pharmacy	5	PHY. 372—Commercial Pharmacy	4
	18		19

Senior Year

PLY. 451—Principles of Biologicals	3	PLY. 456—New Remedies	3
PLY. 455—New Remedies	3	PHY. 362—Prescriptions and Dispensing	4
PHY. 354—Organic and Analytical Pharmacy	5	PHY. 402—Pharmaceutical Arithmetic	2
PHY. 361—Prescriptions and Dispensing	4	PHY. 432—Advanced Drug Analysis	3
PHY. 381—Pharmaceutical Jurisprudence	2	Approved Electives	6
	17		18

Curriculum to be Followed by Students Entering the Upper Division in September, 1953, and Thereafter

Junior Year

PLY. 301—Applied Anatomy for Pharmacists	4	PLY. 302—Applied Physiology for Pharmacists	4
PHY. 311—Inorganic Pharmacy	4	PHY. 374—Commercial Pharmacy	5
PHY. 315—History & Ethics of Pharmacy	2	PCY. 355—Organic & Analytical Pharmaceutical Chemistry	5
CY. 262—Organic Chemistry	5	BCY. 301—General Bacteriology	4
ATG. 211—Elementary Accounting	3		
	18		18

Senior Year

PHY. 461—Prescriptions & Dispensing	4	PHY. 462—Prescriptions & Dispensing	4
PHY. 455—Pharmaceutical Specialties	3	PHY. 456—Pharmaceutical Specialties	3
PLY. 405—Introductory Pharmacology	3	PLY. 406—Advanced Pharmacology	5
PHY. 481—Pharmacy Laws	2	Approved Electives	6
PCY. 356—Organic & Analytical Pharmaceutical Chemistry	5		18
	17		

Approved electives may be taken in cultural subjects, the sciences, and business administration. For further advice consult the Dean of the College of Pharmacy.

COLLEGE OF PHYSICAL EDUCATION, HEALTH AND ATHLETICS

GENERAL STATEMENT

The College of Physical Education, Health and Athletics offers programs of instruction and services under five departments, namely, Health Service, Intramural Athletics and Recreation, Required Physical Education for Men, Required Physical Education for Women, and The Professional Curriculum.

THE PROFESSIONAL CURRICULUM

The Department of The Professional Curriculum offers four curricula or programs of study on the undergraduate level in the areas of Physical Education, Health Education, and Recreation. The course requirements for each of the several curricula will be found on the following pages. Each curriculum is designed to prepare students for various positions. These positions are described in the introductory paragraphs of the several curricula. The requirements of the several curricula are organized on the basis of the Lower Division and the Upper Division. Courses basic to each of the several curricula are offered in the University College and are required for admission to full standing in the College of Physical Education, Health and Athletics.

REQUIREMENTS FOR ADMISSION

Students entering the College of Physical Education, Health and Athletics are required (1) to present a certificate of graduation from the University College or its equivalent as determined by the Board of University Examiners, (2) to be certified by the Board of University Examiners as qualified to pursue the work of the College, (3) to have the approval of the Committee on Admissions of the College of Physical Education, Health and Athletics, and (4) to have completed the professional courses listed under the basic program of the University College section of this catalog, although a student may be enrolled in the Upper Division "on probation" until he completes them. Students whose records in the University College do not indicate that they are qualified to take the professional courses of the Upper Division will not be admitted to the College.

Transfer students entering from other institutions must present college credit equivalent to graduation from the University College, as determined by the Board of University Examiners, and have the approval of the Committee on Admissions of the College of Physical Education, Health and Athletics.

THE ADVISORY PLAN

All students in the College of Physical Education, Health and Athletics are provided with an adviser selected from the faculty of The Professional Curriculum. The purpose of the advisory plan is to guide and advise the student on such matters as (1) selection of courses in the area of specialization and approved electives, (2) participation in extra-curricular activities, (3) scholastic difficulties, (4) obtaining non-curricular experiences of professional value, (5) personal problems, and (6) acquiring and developing desirable qualities of leadership and personality. Records of a student's progress will be kept by the adviser for purposes of guidance and placement upon graduation.

MAXIMUM LOAD

No student will be permitted to carry more than 17 semester hours in any semester unless his honor point average for the preceding semester is at least 2.5.

No student will be permitted to carry more than 19 hours in any one semester except by special permission of the faculty of the College.

TEACHERS' CERTIFICATES

Graduates of the College of Physical Education, Health and Athletics are granted certificates by the State Department of Education without further examination provided that during their college careers they have complied with the regulations of the State Board of Education covering the certification of teachers. These regulations are fully described in the bulletin on the certification of teachers published by the State Department of Education in Tallahassee and it is imperative that students who expect to be certificated familiarize themselves with these regulations. Applications for the certificate should be made immediately after graduation and should be addressed to the State Superintendent of Public Instruction, Tallahassee, Florida.

PLACEMENT OF GRADUATES

While the College of Physical Education, Health and Athletics does not obligate itself to secure positions for its graduates, it operates a placement service and takes all practical and desirable steps to place graduates of the College in available and suitable positions.

GRADUATION WITH HONORS

To graduate *With Honors,* a student must have graduated from the University College with honors and completed the work of the Upper Division with an average of 3.0 or higher, or in lieu of graduation from the University College with honors, have completed the work of the Upper Division with an average of 3.2 or higher and be recommended by the faculty of the College.

To graduate *With High Honors,* a student must meet the requirements for graduation *With Honors* and be recommended for graduation *With High Honors* by the faculty of the College.

RESIDENCE REQUIREMENT

The residence requirement for graduation is described in full under the STUDENT REGULATIONS section of this catalog.

BACHELOR OF SCIENCE IN PHYSICAL EDUCATION AND HEALTH

The degree of Bachelor of Science in Physical Education and Health is granted to students who satisfactorily complete one of the following curricula: Physical Education for Men, Physical Education for Women, Health Education, or Recreation. The minimum requirement for graduation from the College of Physical Education, Health and Athletics is 66 semester hours with an average of C or higher. Each student is required to select and complete one of the curricula offered in this college.

In addition to completing the requirements of one of the several curricula, the student must have earned six "Activity Units" in approved extra-curricular activities before being recommended for graduation. Experience shows that men and women in this profession are called on to perform many and varied services in their respective

schools and communities. Participation in extra-curricular activities while in college (such as student government, student publications, athletics, dramatics, debating and serving on student committees) contributes substantially to the success of persons entering the profession. For this reason the "Activity Units" must be distributed over two different types of extra-curricular activities. Such extra-curricular activities will be accepted from the date of matriculation in the University. "Activity Units" are not to be confused with regular course credits. Detailed information on this requirement may be secured from the Head of The Professional Curriculum.

MASTER OF PHYSICAL EDUCATION AND HEALTH

Courses are offered in the Graduate School leading to the degree of Master of Physical Education and Health. For requirements for the Master's Degree, consult the section of this Catalog entitled The Graduate School.

CURRICULUM IN PHYSICAL EDUCATION (FOR MEN)

This curriculum is designed to prepare students (1) to become teachers of physical education in schools and colleges; (2) to coach athletic teams; (3) to become directors of intramural and interscholastic athletic programs; (4) to serve in the school-community recreation program.

The curriculum in Physical Education aims to give a student the broad training which a job analysis of the several positions seems to demand. Therefore, the curriculum provides the student with training considerably beyond that required for minimum certification.

Since many teachers are expected to teach more than one subject, electives chosen with the approval of the adviser may be used to complete certification requirements in a second teaching field. Sufficient elective hours are available to allow for certification in one of the following: Mathematics, History, Health Education, Driver Education and Training, Biology, Chemistry, Physics or Junior High School Science. Restricted certification may be secured in Industrial Arts or Health Education.

Group I—Physical Education

Forty-eight semester hours are required in physical education and related fields, chosen with the approval of the adviser. Thirty-six semester hours are required in physical education including not less than 9 semester hours in area 1; 10 semester hours in area 2; and not less than 12 semester hours in each of areas 3 and 4.

1. Athletic Coaching
2. Theory and Practice of Physical Education Activities
3. Principles, Methods and Administration of Physical Education and Athletics
4. Auxiliary Courses, including anatomy and physiology, administration of recreation, speech, health and safety education

Note: The following courses may be applied toward meeting the requirements of the several areas listed above. Selection should be made in terms of professional needs and objectives and must be chosen with the approval of the adviser.

ATHLETIC COACHING (Not less than 9 semester hours)

		CREDIT
PHA. 131	—Coaching of Football	3
PHA. 132	—Coaching of Track	3
PHA. 231	—Coaching of Basketball	3
PHA. 232	—Coaching of Baseball	3

THEORY AND PRACTICE OF
PHYSICAL EDUCATION ACTIVITIES (Not less than 10 semester hours)

PHA. 141	—Tennis	1
PHA. 142	—Gymnastics and Tumbling I	1
PHA. 143	—Combat Sports	1
PHA. 144	—Swimming and Water Sports	1
PHA. 171	—Folk Dancing	2
PHA. 241	—Golf	1
PHA. 242	—Recreational Sports	2
PHA. 243	—Gymnastics and Tumbling II	1
PHA. 244	—Life Saving and Water Safety	1
PHA. 245	—Team Games For Men	2

PRINCIPLES, METHODS AND ADMINISTRATION
OF PHYSICAL EDUCATION AND ATHLETICS (Not less than 12 semester hours)

PHA. 151	—Introduction to Physical Education, Health, Athletics and Recreation	2
PHA. 316	—Physiology of Exercise	2
PHA. 322	—Camp Programs and Counselor Training	3
PHA. 351	—Intramural Athletics and Officiating	2
PHA. 363	—Teaching Physical Education in the Secondary School	3
PHA. 373	—Teaching Physical Education in the Elementary School	3
PHA. 441	—Administration of Physical Education and Athletics	3
PHA. 484	—Tests and Measurements in Physical Education	2
PHA. 487	—Adapted and Corrective Physical Education	3
PHA. 488	—Conditioning of Athletes and Care of Injuries	2

AUXILIARY COURSES (Not less than 12 semester hours)

Anatomy and Physiology		
PHA. 315	—Applied Anatomy and Physiology	3
Recreation		
PHA. 325	—The Conduct of Playgrounds and Indoor Centers	3
Health Education		
PHA. 261	—Personal Hygiene	3
Speech		
SCH. 241	—Effective Speaking	3

Group II—Education

Courses in Education amounting to not less than 18 semester hours, chosen with the approval of the adviser, including not less than 12 semester hours from area 1 and not less than 6 semester hours from area 2.

1. Education courses, including foundations of education, teaching in the secondary school, special methods or the equivalent
2. Practical Experience in Teaching

Group III—Approved Electives

Elective courses chosen with the approval of the adviser to complete the required total of 66 semester hours. Elective hours accrue only in cases where students complete professional courses as a part of their basic program in the University College.

CURRICULUM IN PHYSICAL EDUCATION (FOR WOMEN)

This curriculum is designed to prepare students (1) to become teachers of physical education in secondary schools and colleges; (2) to coach athletic sports; (3) to direct intramural programs; (4) to teach physical education in the elementary schools; (5) to serve in school-community recreation programs.

The curriculum in Physical Education aims to give a student the broad training which a job analysis of the several positions seems to demand. Therefore, the curriculum provides the student with training considerably beyond that required for minimum certification.

Since many teachers are expected to teach more than one subject, electives chosen with the approval of the adviser may be used to complete certification requirements in a second teaching field. Sufficient elective hours are available to allow for certification in one of the following: Mathematics, History, Health Education, Driver Education and Training, Biology, Chemistry, Physics, or Junior High School Science.

Group I—Physical Education

Forty-eight semester hours are required in physical education and related fields, chosen with the approval of the adviser. Thirty-six semester hours are required in physical education including not less than 12 semester hours in each of areas 1 and 2. Not less than 12 semester hours in related fields are required in area 3.

1. Theory and Practice of Physical Education Activities
2. Principles, Methods and Administration of Physical Education
3. Auxiliary courses, including anatomy and Physiology, administration of recreation, speech, health and safety education

Note: The following courses may be applied toward meeting the requirements of the several areas listed above. Selection should be made in terms of professional needs and objectives and must be chosen with the approval of the adviser.

THEORY AND PRACTICE OF PHYSICAL EDUCATION ACTIVITIES (Not less than 12 semester hours)	CREDIT
PHA. 141 —Tennis	1
PHA. 142 —Gymnastics and Tumbling I	1
PHA. 144 —Swimming and Water Sports	1
PHA. 171 —Folk Dancing	2
PHA. 241 —Golf	1
PHA. 242 —Recreational Sports	2
PHA. 244 —Life Saving and Water Safety	1
PHA. 247 —Team Sports for Women	2
PHA. 248 —Team Sports for Women	2
PHA. 271 —Modern Dance	1
PHA. 345 —Methods and Materials in the Teaching of Team Games	3
PHA. 355 —Methods and Materials in the Teaching of Individual Sports	3
PHA. 371 —Methods and Materials in the Teaching of Rhythmical Activities	3
PHA. 374 —Rhythmic Activities in the Elementary School	2

PRINCIPLES, METHODS AND ADMINISTRATION OF PHYSICAL EDUCATION (Not less than 12 semester hours)	CREDIT
PHA. 151 —Introduction to Physical Education, Health, Athletics and Recreation	2
PHA. 316 —Physiology of Exercise	2
PHA. 322 —Camp Programs and Counselor Training	3
PHA. 351 —Intramural Athletics and Officiating	2
PHA. 363 —Teaching Physical Education in the Secondary School	3
PHA. 373 —Teaching Physical Education in the Elementary School	3
PHA. 441 —Administration of Physical Education and Athletics	3
PHA. 484 —Tests and Measurements in Physical Education	2
PHA. 487 —Adapted and Corrective Physical Education	3

AUXILIARY COURSES (Not less than 12 semester hours)	
Anatomy and Physiology	
PHA. 315 —Applied Anatomy and Physiology	3
Recreation	
PHA. 325 —The Conduct of Playgrounds and Indoor Centers	3
Health Education	
PHA. 261 —Personal Hygiene	3
Speech	
SCH. 241 —Effective Speaking	3

Group II—Education

Courses in Education amounting to not less than 18 semester hours, chosen with the approval of the adviser, including not less than 12 semester hours from area 1 and not less than 6 semester hours from area 2.

1. Education Courses, including foundations of education, teaching in the secondary school, special methods or the equivalent
2. Practical Experience in Teaching

Group III—Approved Electives

Elective courses chosen with the approval of the adviser to complete the required total of 66 semester hours. Elective hours accrue only in cases where students complete professional courses as a part of their basic program in the University College.

CURRICULUM IN HEALTH EDUCATION

This curriculum is designed to prepare students (1) to become teachers of health education in schools and colleges; (2) to serve as coordinators of school health education programs; (3) to serve as health educators in state and county health departments or voluntary health agencies; (4) to qualify for entrance into approved schools of public health for graduate work in health education.

The curriculum in Health Education aims to give a student the broad training which a job analysis of the several positions seems to demand. Therefore, the curriculum provides the student with training considerably beyond that required for minimum certification in school health education.

Since many teachers are expected to teach more than one subject, electives chosen with the approval of the adviser may be used to complete certification requirements in a second teaching field. Sufficient elective hours are available to allow for certification in one of the following: The broad field of Science including Chemistry, Physics, Biology, and Junior High School Science; Driver Education and Training. Students who plan to qualify for positions with official or non-official health agencies should elect courses, with the adviser's approval, that will further their training for such positions.

Group I—Health Education

Courses amounting to not less than 44 semester hours, chosen with the approval of the adviser, including not less than 15 semester hours in each of areas 1 and 2, not less than 11 semester hours in area 3, and not less than 3 semester hours in area 4.

1. Basic Sciences
2. Health Education Content
3. The Program of Health Education
4. Sociology

Note: The following courses may be applied toward meeting the requirements of the several areas listed above. Selection should be made in terms of professional needs and objectives and must be chosen with the approval of the adviser.

BASIC SCIENCES (Not less than 15 semester hours)		CREDIT
BLY. 161-162	—Biology Laboratory	4
BLY. 209	—Comparative Vertebrate Anatomy	4
BCY. 301	—General Bacteriology	4
BCY. 304	—Pathogenic Bacteriology	4
BCY. 306	—Bacteriology of Foods	4
PHA. 315	—Anatomy and Physiology	3

HEALTH EDUCATION CONTENT (Not less than 15 semester hours)		
PHA. 261	—Personal Hygiene	3
PHA. 262	—Community Hygiene	3
PHA. 264	—First Aid	2
PHA. 369	—School Safety Education	3
PHA. 421	—Driver Education and Traffic Safety	3
PSY. 309	—Personality Development (Mental Hygiene)	3
SY. 344	—Marriage and the Family	3

THE PROGRAM OF HEALTH EDUCATION (Not less than 11 semester hours)		
PHA. 151	—Introduction to Physical Education, Health, Athletics and Recreation	2
PHA. 361	—The Elementary School Health Program	3
PHA. 362	—The Secondary School Health Program	3
PHA. 422	—The Community Health Education Program	3
PHA. 491-492	—The Operation of Community Health Education Programs	3-6

SOCIOLOGY (Not less than 3 semester hours)		
SY. 241	—Sociological Foundations of Modern Life	3
SY. 303	—Problems of American Society	3
SY. 332	—Public Health and Sanitation	3
SY. 421	—Rural Sociology	3

AUXILIARY COURSES		
Sociology		
SY. 442	—Applied Sociology	3
SY. 448	—Community Organization	3
Bacteriology		
BCY. 403	—Epidemiology	3
Economics		
ES. 203	—Elementary Statistics	4
Speech		
SCH. 241	—Effective Speaking	3
Journalism		
JM. 411	—Public Relations	3
JM. 408	—Public Opinion	3

Group II—Education

Students preparing for school positions are required to complete courses in Education amounting to not less than 18 semester hours, chosen with the approval of the adviser, including not less than 12 semester hours from area 1 and not less than 6 semester hours from area 2.

1. Education Courses, including foundations of education, teaching in the secondary school, special methods or the equivalent
2. Practical Experience in Teaching

Group III—Approved Electives

Elective courses chosen with the approval of the adviser to complete the required total of 66 semester hours. Elective hours accrue in cases where students complete professional courses as a part of their basic program in the University College.

CURRICULUM IN RECREATION

This curriculum is designed to prepare students (1) to serve in school recreation programs; (2) to become leaders or directors of community recreation, industrial recreation, summer camps, playgrounds, youth organizations, or state and federal recreation services.

The curriculum in Recreation aims to give a student the broad training which a job analysis of the several positions seems to demand. Electives chosen with the approval of the adviser may be used to meet certification requirements if a student plans to qualify for a school position. Students who plan to qualify for non-school recreation positions should elect courses, with the adviser's approval, that will further their training for such positions.

Group I—Recreation

Courses amounting to not less than 48 semester hours, chosen with the approval of the adviser, including not less than 10 semester hours in each of areas 1 and 3 and not less than 8 semester hours in each of areas 2 and 4.

1. Recreational Activities
2. Programs and Leadership
3. Principles, Methods and Administration of Recreation
4. Auxiliary Courses, including speech, sociology, health and safety education

Note: The following courses may be applied toward meeting the requirements of the several areas listed above. Selection should be made in terms of professional needs and objectives and must be chosen with the approval of the adviser.

RECREATIONAL ACTIVITIES (Not less than 10 semester hours)			CREDIT
PHA.	141	—Tennis	1
PHA.	171	—Folk Dancing	2
PHA.	241	—Golf	1
PHA.	242	—Recreational Sports	2
PHA.	244	—Life Saving and Water Safety	1
PHA.	245	—Team Games	2
IN.	312	—Elementary School Handicrafts	3
IN.	313	—Handicrafts	3
MSC.	162	—Introduction to Music Education	2
MSC.	262	—Community Music	2
SCH.	245	—Recreational and Community Dramatics	3
BLY.	133	—Common Animals and Plants of Florida	3

PROGRAMS AND LEADERSHIP (Not less than 8 semester hours)			
PHA.	322	—Camp Programs and Counselor Training	3
PHA.	324	—Social Recreation	3
PHA.	447	—The Operation of Recreation Programs	3
PHA.	448	—The Operation of Recreation Programs	3

PRINCIPLES, METHODS AND ADMINISTRATION OF RECREATION (Not less than 10 semester hours)			
PHA.	151	—Introduction to Physical Education, Health, Athletics and Recreation	2
PHA.	351	—Intramural Athletics and Officiating	2
PHA.	446	—Administration of Community Recreation	3
PHA.	323	—Camp Administration	2
PHA.	321	—The Theory of Play	2
PHA.	325	—The Conduct of Playgrounds and Indoor Centers	3

AUXILIARY COURSES (Not less than 8 semester hours)			
Health and Safety Education			
PHA.	261	—Personal Hygiene	3
PHA.	262	—Community Hygiene	3
PHA.	264	—First Aid	2
Sociology			
SY.	241	—Sociological Foundations of Modern Life	3
SY.	303	—Problems of American Society	3
SY.	425	—Juvenile Delinquency	3

Speech			
SCH.	202	—Parliamentary Procedure	1
SCH.	241	—Effective Speaking	3
Political Science			
PCL.	412	—City Government and Administration	3
Journalism			
JM.	214	—Introduction to Journalism	3

Group II—Education

Students preparing for school positions are required to complete courses in Education amounting to not less than 18 semester hours, chosen with the approval of the adviser, including not less than 12 semester hours from area 1 and not less than 6 semester hours from area 2.

1. Education Courses, including foundations of education, teaching in the secondary school, special methods or the equivalent
2. Practical Experience in Teaching

Students who are preparing for non-school recreation positions, are required to complete courses in Education amounting to not less than 9 semester hours, chosen with the approval of the adviser.

Group III—Approved Electives

Elective courses chosen with the approval of the adviser to complete the required total of 66 semester hours. Elective hours accrue only in cases where students complete professional courses as a part of their basic program in the University College. Students preparing for school positions have sufficient elective hours to meet certification requirements in physical education.

PHYSICAL FITNESS PROGRAM

OF THE

COLLEGE OF PHYSICAL EDUCATION, HEALTH & ATHLETICS

The Required Physical Education Program for Men

The University Requirement:

Each undergraduate male student is required to register for and participate satisfactorily in the prescribed program of Required Physical Education until he receives his degree or has been in attendance eight semesters. The program requirement for transfer students and students who graduate in less than eight semesters is adjusted on an individual basis by the Head of the Department of Required Physical Education for Men.

Objectives:

1. To have all students classified by a physician in the University Health Service Department before participating in the program.

2. To give each typical or normal student a general achievement test to determine his physical status and motor ability.

3. To provide a program of physical activity that will insure general physical fitness.

4. To offer instruction and competition in games and sports and create a desire for continued future participation.

5. To provide a program of instruction in activities for those students with temporary or permanent disabilities through an Adapted and Corrective Program.

6. To instill desirable attitudes and conduct of living through participation in the program.

7. To provide each male student in the Required Physical Education Program with an adviser who is on the staff of the College of Physical Education, Health and Athletics.

The Curriculum:

1. The Basic Program.

During his first semester a student shall engage in the following program of activities which shall be known as the Basic Program: conditioning activities, boxing, gymnastics and tumbling, track and field activities, rugged games, and functional health instruction.

2. The Advanced Sports Program.

Students who satisfactorily pass the Physical Fitness Test after participating in the Basic Program are eligible to be assigned to a Sports Instruction class designed to prepare them to be a successful participant in that sport as measured by the appropriate Sports Proficiency Test. Each Sports Proficiency Test consists of: (a) a test of the knowledge of the sport and its rules; (b) a skill test; (c) a practical test of the student's ability to compete in that sport. A student shall satisfactorily pass three of the following sports while assigned to the Advanced Sports Program: swimming, golf, tennis, handball, basketball and volleyball, tag football and softball, and gymnastics and tumbling. Two of the sports passed must come from among swimming, golf, tennis, and handball. Any one of the activities other than basketball and volleyball, and tag

football and softball may be passed by application at the end of each semester or summer session. Basketball and volleyball, and tag football and softball may only be passed through participation.

3. The Elective Sports Program.

Students who satisfactorily complete the Advanced Sports Program are eligible for assignment to the Elective Sports Program. While assigned to the Elective Sports Program they must pass one additional sport from those not utilized in meeting the requirements of the Advanced Sports Program. Participants in varsity or freshman sports may substitute that activity for the requirements of the Elective Sports Program.

4. The Adapted and Corrective Program.

Students with physical defects or deficiencies are assigned to a program of Adapted and Corrective physical education by the Department of Student Health Service. The pattern of the program for these students parallels that of students assigned to the regular Required Physical Education program, with adjustments appropriate to their needs, and is supervised by the Department of Required Physical Education.

5. The Physical Fitness Test.

As long as a student is registered for the regular program of Required Physical Education, he must take a Physical Fitness Test at the end of each semester. Failure to pass the Physical Fitness Test at the end of any semester shall cause a student to be returned to the Basic Program for further assignment.

Attendance at Classes:

Regular attendance in Required Physical Education classes is absolutely necessary, and it is the policy of the University that irregular attendance will be penalized, as described under "Attendance" in the Student Regulations Section of the Catalog.

The Required Physical Education Program for Women

The University Requirement:

Women students are required to register for and participate in the program of Required Physical Education until they have satisfactorily completed the Basic and Advanced Programs. Students taking fewer than ten semester hours, students over twenty-six years of age, and veterans are exempt from this requirement. The program for transfer students is adjusted on an individual basis by the Head of the Department of Required Physical Education.

Each student is assigned an adviser who guides her in selecting sports and dance activities adapted to her needs. Through these activities she is offered the opportunity to acquire mental and emotional balance, general physical fitness, and an understanding of the principles of good body mechanics and of healthful living practices.

Classification:

Each student, upon entering the University, shall submit a record of a medical examination to the Department of Student Health Service, and after consultation with a University physician, shall receive a medical rating. This will specify whether her classification in the Required Program shall be an A (regular) or B (adapted or corrective) medical rating.

The Programs:

A. The Program for students with an A Medical Rating consists of the Basic and Advanced Programs, which are required, and the Elective Program, which is voluntary. Satisfactory completion of the required work is determined on the basis of (1) participation, (2) motor proficiency, and (3) knowledge.

1. For the first semester, all students shall engage in a basic Program which shall include: Team sports, body mechanics, and functional health instruction. Team sports provide for the development of interest in many skills and serve to introduce the student to some of the activities of the intramural and recreational sports program. Body mechanics affords an opportunity for the student to improve her personal appearance through instruction in postural training, grooming, and personal hygiene. Guidance is given in desirable personality traits. Functional health instruction assists the student in adjusting to life at the University of Florida.
2. Upon completion of the Basic Program, a student shall enter the Advanced Program, in which she receives instruction in three of the following: tennis, golf, swimming, badminton, archery, modern dance, folk dance, square dance, beginning social dance, and tap dance. She must pass one rhythmic activity and two individual sports, one of which must be swimming, unless an aquatic sports test is passed by application.
3. A student who satisfactorily completes the Advanced Program is eligible for the Elective Program in which she may voluntarily participate in any activity approved by the Head of the Department of Required Physical Education. Any student entering the program must register, and after registering, shall be expected to attend her chosen class or classes regularly.

B. Students assigned to the Adapted and Corrective Program by the University Physician because of physical defects or deficiencies shall engage in a program recommended by the Department of Student Health Service and administered by a member of the Women's Physical Education staff. This program parallels that of the student with an A Medical Rating, but it is adjusted to meet individual needs.

Attendance at Classes:

Regular attendance in Required Physical Education classes is absolutely necessary, and it is the policy of the University that irregular attendance will be penalized, as described under "Attendance" in the Student Regulations Section of the Catalog.

THE DIVISION OF MUSIC

GENERAL STATEMENT

The Division of Music was organized to serve the University and the State in a three-fold pattern: to provide sound guidance and thorough training for its gifted students whose career goal is professional music; to serve the state's music and education structures through teacher training, leadership and statewide cooperation; to bring the gift of music, in concert offerings and participation opportunities, to all its people, as its contribution to the cultural enrichment of the campus, civic and state families.

CONCERTS AND RECITALS

Organized music groups, small ensemble groups, faculty and student soloists offer concerts and recitals weekly in the University Auditorium. These concerts are open to the public without charge, and students are particularly encouraged to attend.

ARTIST COURSES

Each year the Division of Music sponsors an Artists Course, bringing to the campus artists of national prominence. Tickets available to students, faculty and friends of the University may be purchased prior to each concert for a nominal fee. This series, along with the concerts sponsored by the Lyceum Council, provides a full and diversified musical calendar.

ENSEMBLE

Membership in ensemble music groups is open to all students of the University, after consultation with the Director. One credit per semester is offered in each group.

The following courses are offered: University Band, Choral Union, Men's Glee Club, Women's Glee Club, University Orchestra, Mixed Quartet, Male Quartet, Women's Sextet, String Quartet, String Trio, Woodwind Quintet, Brass Ensemble, and Two-piano Ensemble. These groups are organized to study and perform the standard repertoire written for the various vocal and instrumental combinations. Ensemble participation is a musical experience of inestimable worth.

APPLIED MUSIC

Applied Music is defined as lessons in voice and musical instruments. Courses are offered in voice, piano, organ, violin, viola, violin-cello, string bass, flute, oboe, clarinet, bassoon, French horn, cornet, trombone, tuba, and percussion.

METHOD OF REGISTRATION

The student wishing to register for courses in Applied Music is to report to the Director of the Division of Music, who will designate a staff member as adviser to the student. This adviser will assist the student in outlining his program and will recommend the courses for which the student is best suited.

All students registering for Applied Music for the first time shall register in the first course number listed in that branch of Applied Music, i.e., initial enrollment for piano instruction is in MSC. 21—Piano, 1 credit.

METHOD OF INSTRUCTION

Applied Music is taught in the project method. Each student applying for lessons is given a placement examination evaluating his native ability, knowledge of subject, skill proficiency, and repertoire. When the student's accomplishment level or potential has been gauged, he is assigned to a teacher for private or class instruction. Credits earned are determined by examination at the end of each semester and are based upon the student's native talent, technical advancement and repertoire. A minimum of 3 hours weekly practice is required in courses numbering under 100. A minimum of 6 hours weekly practice is required in courses numbering in the 100 and 200 series. A minimum of 9 hours weekly practice is required in courses numbering in the 300 and 400 series. Students registering in freshman and sophomore courses may earn 2 credit hours each semester in any one branch of applied music. Students registering in junior and senior courses may earn 3 credit hours each semester in any one branch of applied music. Students receiving failing grades for 2 consecutive semesters shall not be allowed to continue in Applied Music.

FEES

The fees charged for Applied Music, instrument rental and practice room rental are listed elsewhere in this Catalog under *Expenses*.

THE DIVISION OF MILITARY AND AIR SCIENCE AND TACTICS

The University of Florida offers instruction in Military and Air Sciences as an integral part of its curricula. The Army unit offers instruction in Infantry, Field Artillery, and Transportation Corps; the Air Force unit offers instruction in general administration and communications. Staffs of Army and Air Force officers and detachments of enlisted personnel provide for the administration and instruction of cadets and for the maintenance of equipment required for the courses.

BASIC COURSE

The Basic Course includes four semesters (2 school years) of instruction. All students during their first two semesters receive instruction common to both the Army and the Air Force. During their last two semesters, each Army student receives instruction in some one of the specialized courses; namely, Infantry, Field Artillery, and Transportation Corps. Air Force students receive Air Force training but do not specialize while in the basic course. The University requires that all male students, except veterans with ninety (90) days service, students excused for physical reasons upon the recommendation of the Head of the Student Health Department, and certain transfer students, complete the Basic Course as a prerequisite to graduation.

Students are issued uniforms and text books by the University and are held financially responsible for the care of such property and for its prompt return upon proper call.

ADVANCED COURSE

The Advanced Course includes four semesters (2 school years) of instruction at the University and a six-weeks summer camp at a military installation which normally is attended by the student at the end of his first year of advanced course work. Each advanced course student is enrolled in some one of the specialized courses; namely, the Infantry, Field Artillery, or Transportation Corps of the Army or the Admini-

stration and Logistics, Communications or Armament of the Air Force. Air Force Communications and Armament enrollment is limited to students who are pursuing one of the technical training fields offered by the University. Each student applicant for the Advanced Course must have completed the Basic Course or have had previous military training acceptable as a substitute therefor. Students who have the required prerequisites may apply for enrollment in the Army or Air Force Advanced Course. It is desirable but not mandatory that students apply for the branch (Army or Air Force) and specialty in which he was enrolled during the four semesters of the basic course. Final selection of students from the list of applicants is made by the President of the University and the Professor of Military Science and Tactics or the Professor of Air Science and Tactics.

Students are issued regulation officer-type uniforms and text books. They are financially responsible for the care of such property and for its return upon proper call. Each student receives from the United States Government a daily monetary subsistence allowance, presently totaling about $27.00 per month. This allowance is paid monthly during the period of enrollment in the Advanced Course for not more than a total of 595 days. Students are paid for their travel to and from the six-weeks summer camp; while at camp they are provided quarters, rations, and uniforms and are paid at the rate of $74.00 per month.

Upon his successful completion of the Advanced Course, each student is appointed a Second Lieutenant in the Organized Reserve Corps. If a student has not attained his 21st birthday at the time of his graduation, he is tendered a Certificate of Eligibility for appointment as Second Lieutenant upon his attainment of that birth date.

Outstanding Advanced Course students are designated as Distinguished Military Students and upon graduation from the University are designated as Distinguished Military Graduates. Distinguished Students and Graduates may apply for appointment as Second Lieutenants in the Regular Army or Regular Air Force. A considerable number of University of Florida students have accepted Regular Army or Air Force appointments.

STATUS OF STUDENTS WHO HAVE HAD MILITARY TRAINING AT OTHER SCHOOLS

Students transferring from other universities with Senior ROTC units are allowed College Credit for Military or Air Science completed at such institutions, up to the amount allowed by the institution from which the transfer is made, provided such credit does not exceed four semester hours for the Basic Course. The eligibility for admission of such students to Military and Air Science Courses at the University of Florida is determined by the Professor of Military Science and Tactics or the Professor of Air Science and Tactics. Students who have completed some Military or Air Science training in schools having Junior ROTC may be allowed to enter that semester of Military or Air Science at the University of Florida for which their previous training has qualified them, in accordance with Army or Air Force Regulations and as determined by the Professor of Military Science and Tactics or the Professor of Air Science and Tactics. In such cases no college credit can be given for this Military or Air Science training under the University Regulation which does not permit the allowance of College Credit for any work completed in secondary school.

CURRICULA IN RADIO BROADCASTING

THE COMMITTEE ON RADIO EDUCATION

HENRY P. CONSTANS, *Chairman,* Head Professor of Speech
J. FRANCIS COOPER, Editor, Agricultural Experiment Station and Extension Service
FRANK GOODWIN, Associate Professor of Business Organization and Operation
W. L. LOWRY, Associate Professor of Journalism
GARLAND POWELL, Director, Radio Station WRUF
FRED H. PUMPHREY, Head Professor, Electrical Engineering
ALLEN O. SKAGGS, Interim Director of Publicity
W. B. STEIS, Instructor in Speech
J. CLARK WEAVER, Assistant Professor of Speech

GENERAL INFORMATION

The curricula in Radio Broadcasting Training are designed to give each student a broad cultural background and to train for specialization in radio according to individual interests and aptitudes. It involves training in the fields relevant to that end with the student securing his basic education from the program of the University College and his specialized training in the College of Arts and Sciences, the College of Business Administration, and the College of Engineering. The three general categories of activity involved in radio broadcasting are:

1) technical operation
2) commercial activities
3) programming and production activities

Since the demand for persons thoroughly trained in radio broadcasting has been steadily increasing, the curricula are organized to acquaint the student with all the aspects of program preparation and production, and with the organization and management of a radio station. The University of Florida has unusual facilities, equipment, and staff for the teaching of radio. The broadcasting studios, of which there are two, along with an auxiliary studio, are all of floated, soundproof construction. A ten channel console, acetate and tape recording equipment, direct lines to the two local radio stations for broadcasting purposes, are all available for student training. In addition, a practice studio and equipment for research purposes are available to graduate students. Students are also encouraged to gain experience in radio procedure at Radio Station WRUF.

A Committee on Training for Radio administers the curricula of Radio Broadcasting. By means of tests, conferences, and other devices this Committee advises and assists students who are interested in the field.

METHOD OF REGISTRATION

The student who wishes to register for one of the programs of Training for Radio is to report to the Chairman of the Committee on Training for Radio who will designate one of the members of the Committee as adviser to the student. This adviser will assist the student in outlining his program and will recommend the courses for which the student is to register each semester.

TECHNICAL CURRICULUM IN RADIO BROADCASTING

For work in the technical field of radio broadcasting, there is available the curriculum in Communications in the College of Engineering. This is open to students after they have completed the work of the University College, which constitutes the first two years of their program. For further information see the Electrical Engineering Curriculum. The electives of this curriculum should be utilized in taking some of the Professional Courses in Radio Broadcasting.

COMMERCIAL CURRICULUM IN RADIO BROADCASTING

A. Completion of the University College program including:

C-1		American Institutions
C-2		The Physical Sciences
C-3		Reading, Speaking and Writing—Freshman English
C-41		Practical Logic
C-42		Fundamental Mathematics
C-5		The Humanities
C-6		Biological Science
ES.	205-206	Economic Foundations of Modern Life
ES.	203	Elementary Statistics
ATG.	211-212	Elementary Accounting
EH.	133	Effective Writing
SCH.	222	Introduction to Radio

B. Registration in the College of Business Administration in Group IV, Marketing. This group provides eighteen semester hours of approved electives. Twelve of these hours may be outside the College of Business Administration and could be concentrated in the Professional Courses in Radio Broadcasting.

PROGRAMMING AND PRODUCTION CURRICULUM IN RADIO BROADCASTING

A. Completion of the University College program including:

C-1		American Institutions
C-2		The Physical Sciences
C-3		Reading, Speaking and Writing—Freshman English
C-41		Practical Logic
C-42		Fundamental Mathematics
C-5		The Humanities
C-6		Biological Science
SCH.	222	Introduction to Radio
*BEN.	81	Typing

and, with the advice of the Committee on Training for Radio, enough electives to complete the program of general education. Some of these electives will be chosen from the professional courses in Radio Broadcasting.

B. Registration in the College of Arts and Sciences, taking a group or departmental major, including as many of the professional courses in Radio Broadcasting as fit into the major. The other Upper Division requirements should be met in part by selecting courses that fit in with radio broadcasting training, both from the professional courses listed below, and from other courses that are available. The

selection of courses shall in all cases be made with the approval of the Committee on Training for Radio. Students registered in this program may present for their degree a total of 9 semester hours credit in courses other than those offered in the College of Arts and Sciences. These courses are:

ATG. 211-212
BS. 401

* To be taken as an elective if the student has not had typing in high school.

PROFESSIONAL COURSES IN RADIO BROADCASTING

1. Speaking and Reading—

SCH.	241	—Effective Speaking	3
SCH.	307	—Interpretation of Literature	3
SCH.	311	—Speech Training for the Radio	3
SCH.	415	—Applied Phonetics	3

2. Writing—

JM.	301	—Elementary Reporting	3
JM.	406	—Radio News Writing	3
SCH.	318	—Radio Writing	3

3. Programming and Production—

SCH.	250	—Acting	3
SCH.	310	—Directing	3
SCH.	423	—Radio Programming and Production	3
SCH.	424	—Radio Programming and Production	3

4. Sales and Management—

ATG.	211	—Accounting	3
ATG.	212	—Accounting	3
SCH.	323	—Radio Promotion and Sales	3
SCH.	324	—Radio Station Management	3

5. Special Courses—

BS.	401	—Business Law	3
JM.	402	—Radio Advertising	3
JM.	409	—Law of the Press and Radio	3
MSC.	310	—Music Appreciation	2
PS.	224	—Sound and Its Application	2
SCH.	328	—Educational Radio	3
SCH.	333	—One-Act Play	3

GRADUATE COURSES

Graduate courses in radio are listed in the course offerings of the Department of Speech.

CLINICAL SERVICES AND CURRICULA IN THE TRAINING OF THE HANDICAPPED

BOARD OF DIRECTORS OF THE FLORIDA CENTER OF CLINICAL SERVICES:

H. P. Constans	Head Professor of Speech
L. L. Hale	Professor of Speech and Director of the Speech and Hearing Clinic
J. E. Harlow	Assistant Professor of Psychology, Head of the Bureau of Vocational Guidance and Mental Hygiene
E. D. Hinckley	Head Professor of Psychology
E. E. Howard	Acting Head, Department of Student Health
W. W. Little	Dean of University College
D. J. Mase	Coordinator of the Florida Center of Clinical Services
Z. M. Maynard	Assistant Professor in Physical Education, Health and Athletics
W. E. Moore	Professor of Humanities and Student Counselor
R. E. Page	Dean of the College of Arts and Sciences
George Spache	Head, Reading Laboratory and Clinic
D. K. Stanley	Dean of College of Physical Education, Health and Athletics
J. B. White	Dean of College of Education
J. Hooper Wise	Professor of English and Chairman, Comprehensive Course: Reading, Speaking and Writing
W. M. Wise, *Chairman*	Dean of Student Personnel

GENERAL INFORMATION

The Florida Center of Clinical Services consists of a group of clinics the function of which is to serve University students and residents of the State of Florida. The clinics which are functioning as a coordinated unit at the present time are Speech and Hearing, Vocational Guidance and Mental Hygiene, Reading Laboratory and Clinic, Adapted and Corrective Exercises, and Medical Diagnosis and Treatment.

The Florida Center of Clinical Services has a four-point program: (1) to extend the services of these clinics to adequately meet the need of University students; (2) to effectively use the clinics, staffs, and equipment in training teachers and specialists to work with those with problems and handicaps in whatever areas the need is indicated; (3) to establish outstanding research programs in various areas dealing with the handicapped; (4) to extend the services of these clinics, and perhaps others to be added, to the residents of the state.

University students and residents of the state should make appointments for clinical services through the Office of the Coordinator of the Center, Room 339, Administration Building, telephone extension 526. University students may also make appointments through the head of the respective clinics.

Training at the graduate and undergraduate level is available in several specialized areas. Other areas of training will be offered as a need is indicated and as students respond to the need.

The Board of Directors of the Florida Center of Clinical Services establishes policy and assures a close relationship between the clinical services and the teaching functions of the University. Students desiring information and guidance in any area dealing with Exceptional Children should contact the Coordinator of the Center or the head of the division in which they are interested.

PROGRAMS AVAILABLE

A curriculum leading to the Bachelor of Education is available to those students wishing to certify as teachers of handicapped children in elementary and secondary schools (see detailed description below).

Graduate professional training is available to students who wish extensive preparation in any one of the specialized areas or in the general field of special education. This graduate training is provided by the course offerings in Speech, Psychology, Education, Physical Education, Health Education, and related areas. Supervised clinical practice is available in the clinics.

UNDERGRADUATE CURRICULUM FOR TEACHERS OF THE HANDICAPPED

Freshman Year

Courses	First Semester	Credit	Courses	Second Semester	Credit
C-11	—American Institutions	4	C-12	—American Institutions	4
C-21	—The Physical Sciences	3	C-22	—The Physical Sciences	3
C-31	—Reading, Speaking, and Writing: Freshman English	4	C-32	—Reading, Speaking, and Writing: Freshman English	4
EN. 105	—Aspects of Human Growth and Development	3	EN. 106	—Aspects of Human Growth and Development	3
*MSC. 160	—Music Skills	3	C-41	—Practical Logic	3
Military Science		1	Military Science		1
Physical Fitness		0	Physical Fitness		0
		18			18

Sophomore Year

Courses	First Semester	Credit	Courses	Second Semester	Credit
C-51	—The Humanities	4	C-52	—The Humanities	4
C-61	—Biological Sciences	3	C-62	—Biological Sciences	3
C-42	—Fundamental Mathematics	3	PSY. 201	—General Psychology	3
SCH. 241	—Effective Speaking	3	PHA. 261	—The Elementary School Health Program	3
SCL. 205	—Children and Culture	3	SCL. 206	—Children and Culture	3
Military Science		1	Military Science		1
Physical Fitness		0	Physical Fitness		0
		17			17

Junior Year

Courses	First Semester	Credit	Courses	Second Semester	Credit
SCL. 301	—Children's Social Studies	3	PHA. 373	—Teaching Physical Education in Elementary School	3
GL. 301	—Children's Science	2	PSY. 312	—Psychology of Exceptional Children	3
*SCA. 253	—General Art for the Elementary Grades	4	PSY. 309	—Personality Development	3
Designated Electives		9	Designated Electives		8
		18			17

Senior Year

Course	First Semester	Credit	Course	Second Semester	Credit
EN. 307	—Children and Learning	15	**EN. 405	—The Practicum	15

* To be taken if the student cannot pass the proficiency test in music or art.
** One-half of the practicum in classroom teaching and one-half in clinical practice.

Designated Electives

Speech Correction and Hearing

Course		Credit
SCH. 315	—Applied Phonetics	3
SCH. 410	—Scientific Bases of Speech	3
SCH. 411	—Speech and Hearing	3
SCH. 417	—Correction of Speech Defects	3
SCH. 418	—Correction of Speech Defects	3
SCH. 420	—Speech Activities in the School	3
PHA. 487	—Adapted and Corrective Physical Education	2
PHA. 316	—Physiology of Exercise	2

Slow Learning and Personality Problems

Course		Credit
PSY. 311	—Psychological Measurement	3
PSY. 403	—The Measurement of Intelligence	3
PSY. 404	—The Measurement of Personality	3
PSY. 410	—Abnormal Psychology	3
PSY. 417	—Methods in Clinical Psychology	3

Physical Disabilities

Course		Credit
PHA. 151	—Introduction to Physical Education, Health, Athletics and Recreation	2
PHA. 242	—Recreational Sports	2
PHA. 261	—Personal Hygiene	3
PHA. 484	—Tests and Measurements in Physical Education	2
PHA. 487	—Adapted and Corrective Physical Education	2
PHA. 316	—Physiology of Exercise	2
PHA. 324	—Social Recreation	3
SCH. 315	—Applied Phonetics	3
SCH. 417	—Correction of Speech Defects	3

THE GRADUATE DIVISION

THE GRADUATE SCHOOL

GENERAL INFORMATION

ADMINISTRATION

The affairs of the Graduate School are administered by the Graduate Council, which consists of the Dean as *ex-officio* chairman, and certain members of the faculty who are appointed annually by the President.

ADMISSION

All applications must be made to the Admissions Section of the Registrar's Office in accordance with the dates set forth in the University calendar. Please note that all communications concerning credentials needed and acceptance or rejection must be handled by the Director of Admissions.

A complete transcript of all undergraduate and graduate work of the applicant must be transmitted by the registrar of the institution where the work was completed to the Director of Admissions before the date of registration.

To be eligible for unqualified admission to graduate study, the applicant must (1) be a graduate of an accredited college or university, and (2) have an overall grade average of "C" (2.0). If he meets these two criteria the applicant is referred to a committee for final recommendation. If the applicant fails to meet either or both of these criteria, he will be notified by the Director of Admissions that he cannot be admitted to the Graduate School. If the applicant has a good record but is a graduate of a non-accredited institution, he will be advised that while he cannot register in the Graduate School he may register as an undergraduate and attempt to qualify for admission to the Graduate School at a later date.

GRADUATE RECORD EXAMINATION

Prospective students are advised to take the Graduate Record Examination before applying. Arrangements may be made at the Board of Examiners, Seagle Building, Gainesville, or students may write to the Educational Testing Service, Box 592, Princeton, N. J.

COMPREHENSIVE EXAMINATION IN EDUCATION

All graduate students carrying programs in Education are required to undergo a comprehensive examination, the purposes of which are two-fold: (1) to provide additional data to be used in counseling and guiding students, and (2) to be one of the factors in determining the fitness of the student to pursue the doctoral program. A fee for the comprehensive examination is charged each student doing graduate work in Education, payable with other fees at the time of registration. At the present time the National Teacher Examination is used, the fee for which is $6.00 for full-time students, or $10.00 for part-time students. The examination is given early in each semester and prompt application is necessary.

REGISTRATION

All graduate students, old or new, are required to register in the Office of the Dean on the regular registration days as indicated in the calendar. The student should

consult in advance the Dean and the head of the department in which he proposes to major, and inquire if he is eligible to register for this work. A complete transcript of all undergraduate and graduate work should be transmitted to the Registrar at least one month before the beginning of the session, by the Registrar of the institution in which the credits have been earned.

The transcript must be in the office of the Registrar before the student will be allowed to register. If the student seems eligible, he will be referred by the Dean to the head of the department concerned. Either the head of the department or some professor in that department will become the professor of the major subject for the student, and will plan the courses for which he is to register. A blank form upon which the major professor approves the courses is furnished at the Dean's office.

FEES

Registration Fee.—The registration fee for graduate students is $35.00. This includes a contingent fee of $25.00 per semester, the infirmary fee of $7.50 and special fee of $2.50 required for each student for the construction and rehabilitation of buildings. All non-Florida students pay an additional $175.00 per semester tuition.

Persons holding the rank of *instructor* on the University staff may register in the Graduate School for one course. Teachers and administrators who are employed in the public schools registering during the academic year for less than six hours of graduate work, are required to pay a fee of $25.00 per semester.

Graduation Fee.—Each candidate for Master's or Doctor's degree must make application in the Registrar's Office for the diploma at the date set forth in the Calendar and pay at that time a fee of $20.00. This will cover the cost of the diploma, rental of cap and gown and purchase of hood, thesis binding fee and cost of printing cover and title page of thesis.

Some fees are optional; for instance, the student activity fee. If the student wishes the privileges that go with this fee, he must pay the fee in advance.

Holders of graduate fellowships, scholarships, or assistantships are exempt from the fee for non-Florida students.

PHYSICAL EXAMINATION

Applicants for admission to the University are furnished a medical history and physical examination form by the Registrar's office. The medical history is filled in by the applicant before going to his doctor for the physical examination. The physical examination must be given and filled in by a licensed doctor of medicine and mailed by the doctor directly to the University Physician, Infirmary, University of Florida, Gainesville, Florida. This medical history and pre-entrance physical examination must be approved by the University Physician before the applicant is cleared for registration in the University.

GRADES

Passing grades for graduate students are A and B; all other grades are failing.

Beginning in the summer school of 1951, passing grades for graduate students in courses numbered below 500 are A and B; passing grades for courses numbered 500 and above are A, B, and C. However, C grades count toward a graduate degree if, and only if, an equal number of credit hours in courses numbered 500 and above are earned with grade of A.

CAPS, GOWNS, AND HOODS

Caps, gowns and hoods are worn at the commencement exercises. Graduating students must arrange for proper sizes of the academic costumes through the University Bookstore.

THE MASTER'S DEGREE

Degrees Offered.—Master of Arts, Master of Arts in Architecture, Master of Science in Building Construction, Master of Fine Arts, Master of Arts in Education, Master of Science, Master of Science in Agriculture, Master of Science in Engineering, Master of Science in Forestry, Master of Science in Pharmacy, Master of Education, Master of Agriculture, Master of Business Administration, and Master of Physical Education and Health.

Number of Hours.—Twelve semester hours is considered the graduate load for candidates for master's degree with thesis, fifteen for those without thesis. Part time employment of any kind reduces this load. Full time public school and University personnel may carry one graduate course of not more than four semester hours.

Time Limit.—All work for the master's degree must be completed within seven years from the time of first registration.

Residence Requirement.—For any master's degree, the student must spend at least one entire academic year at the University as a graduate student devoting full time to graduate studies and research. If the work is done in the summer, four nine-week summer sessions will satisfy the requirement. The candidate must be in residence the term at the end of which the degree is awarded, unless other arrangements are specifically approved by the Graduate Council.

Transfer of Credits.—Under certain conditions transfer of a limited number of credits to the University will be allowed, but the final acceptance of credits from other institutions is subject to the approval of the student's supervisory committee. Transferred credits may reduce the course requirement but not the residence requirement, and work they represent shall be included in the final examination.

MASTER'S DEGREE WITH THESIS

Work Required.—The work for the Master's degree shall be a unified program with a definite objective, consisting of twenty-four semester hours or the equivalent, at least half of which shall be in a single field of study designated as the major and the remainder, or minor, in related subject matter. One six-hour minor is required; two six-hour minors or one twelve-hour minor may be taken. Minor work must be from a department other than the major. In special cases, this requirement may be modified upon written authority of the dean. The work in the major field shall be in courses designated strictly for graduates (numbered 500 or above), or if approved by the Dean, in courses designated for "Advanced Undergraduates and Graduates." In minor work courses numbered 300 and above may be taken. All work must be approved by the student's Supervisory Committee.

Thesis.—In addition to the course work the student will be required to prepare and present a thesis (or equivalent in creative work) acceptable to the Supervisory Committee, the Dean, and the Graduate Council. The candidate should consult the Dean's office for instructions concerning the form of the thesis. Two copies of the thesis bound in temporary bindings and accompanied by two copies of a brief abstract of the thesis must be in the Dean's office on or before the dates specified in the University Calendar. These copies will be deposited in the Library if the thesis is accepted.

LANGUAGE REQUIREMENT

1. *Foreign Language.*—A reading knowledge of a foreign language is left to the discretion of the student's Supervisory Committee. When a foreign language is required the examination will be conducted by the language department concerned. The requirement must be satisfied before the beginning of the last semester. A student in the regular session must pass the language examination by *April* 20 if he expects to graduate at the end of the summer term of that year. In case the student is completing all his work in the summer terms, the foreign language requirement must be satisfied before the beginning of the fourth short summer term. If the student is majoring in a foreign language, that language cannot be used to satisfy this requirement.

2. *English Language.*—The effective use of the English language as determined by the student's Supervisory Committee is required of all candidates for the master's degree.

SUPERVISORY COMMITTEE

The Dean shall appoint a special Supervisory Committee for each student consisting of not less than three members. The professor of the principal subject will be chairman of this committee. The Dean is an *ex-officio* member of all Supervisory Committees. The many important duties of the Supervisory Committee are given under several of the items relating to the requirements for the master's degree.

ADMISSION TO CANDIDACY

Whether an applicant has been provisionally admitted or regularly admitted, his Supervisory Committee shall review his entire academic record at the end of his first semester or summer session of residence work. In addition to the approval of the committee, a formal vote of the principal department concerned will be necessary to admit the applicant to candidacy, to fix definitely the additional residence and course requirements, and to approve the program the applicant has submitted. Application for Admission to Candidacy must be made on a special form (Form 3) supplied by the Dean's office. This is done when the candidate has completed about one-half of his course work. In the Department of Education, candidates for advanced degrees, or advanced teaching certificates, should consult the Office of Graduate Studies in Education for additional information affecting admission to candidacy.

GENERAL EXAMINATION

It will be the duty of the Special Supervisory Committee, when all work is complete or practically complete, including the regular courses and the thesis, to conduct a general examination, either written or oral, or both, to embrace: first, the thesis; second, the major subject; third, the minor or minors; fourth, questions of a general nature pertaining to the student's field of study. The Committee shall report in writing to the Dean not later than one week before the time for the conferring of the degree if all work has been completed in a satisfactory manner and the student is recommended for the degree.

WORK DONE IN ABSENTIA

Credit is not given for work done *in absentia.* No courses may be taken for credit by correspondence. For the Master of Arts in Education, six hours of authorized extension graduate courses may be taken for both course and residence credit. Under the following conditions, the Graduate Council may vote to allow a student to complete and submit his thesis when not in residence:

(1) If he has completed his residence requirement.

(2) If he has completed his course requirements.

(3) If he has submitted while in residence a draft of his thesis and obtained the approval of his Supervisory Committee as to the substance of his thesis.

(4) If the Supervisory Committee recommends to the Graduate Council that the student be given the privilege of finishing the thesis *in absentia* and submitting it later.

(Note that all four of these conditions must be fulfilled.)

In case this privilege is granted and the final draft of the thesis is approved, it will be necessary for the student to appear and stand the final examination. His presence will also be necessary at Commencement if the degree is conferred.

MASTER'S DEGREE WITHOUT THESIS

MASTER OF EDUCATION

Description and Purpose.—This degree is designed for the professional preparation of teachers, rather than for research. The work aims to develop in public school workers a wide range of essential abilities and to give them a broad background of advanced general education, rather than to encourage them to specialize narrowly. While not neglecting to add to the qualifications already attained, it further aims to overcome weaknesses in a student's development.

The Master of Education program seeks to develop the Student in:

1. An understanding of the nature of the individual and the learning process;
2. An understanding of the purposes, issues, and trends of education in American democracy;
3. An understanding of the social realities of our time and how these condition the educative process;
4. A fairly comprehensive, internally consistent pattern of values in keeping with our democratic traditions; a value-system which the student can apply where issues are concerned;
5. A personal philosophy of education which he can make explicit and which is consistent with his value patterns;
6. The ability to think and act creatively and adequately within his area of specialization or field of work, *i.e.*, to see new problems, to work out solutions, and to communicate the results of his thinking and acting to others.

Admission.—Prospective students must apply to the Registrar, University of Florida, for admission well in advance of registration. (See *Admission to Graduate School.*)

Residence.—A minimum of four nine-weeks summer terms, or two semesters and one summer term, or the equivalent, is required as residence. Any student whose undergraduate work does not fit into this program may have to spend more than the minimum time to earn the degree.

Transfer of Credits.—If recommended in advance by the Graduate Committee and approved by the Dean of the Graduate School, a student may be permitted to study with some competent teacher in another institution for one summer term. No graduate credits earned prior to admission to the University may be transferred without special

recommendation of the Graduate Committee and the approval of the Graduate Council. No more than six semester hours of credit may be thus transferred. This transfer of credit does not reduce the residence requirement for the degree.

Work Required.—Instead of having a fixed requirement of majors and minors, each student will be required to submit a plan of study which shows a reasonable amount of balance and direction. The planned program is approved by the student's counselor, with whose assistance the plan is first developed, then by the Education department head concerned and the Office of Graduate Studies in Education. After the program has been developed, any changes must be requested in writing and similarly approved.

Minimum course requirement is 36 semester hours, of which not more than nine may be taken in any summer term (six in six weeks, three in three weeks), and not more than fifteen in any one semester. Six semester hours of workshop or extension courses may be allowed and will count as residence credit.

Where the student has had no previous work in professional courses in Education he must have completed a minimum of 36 hours of professional work in Education including work at the graduate and undergraduate level in order to qualify for this degree. Students planning to take work in closely related fields should consult their counselors as to the acceptability of such work toward meeting this requirement. In general, a minimum of twelve semester hours outside the field of Education is required.

A thesis is not required.

A reading knowledge of a foreign language is not required, but the effective use of the English language is expected of all candidates. Admission to the work of this program is not a guarantee that the student will be admitted to candidacy for the degree.

Admission to Candidacy.—The faculty makes a determination as to the competence of the student at the time of his admission to candidacy. Admission to candidacy for the Master of Education degree may be recommended to the Graduate Council by the Graduate Committee on the basis of an unassembled examination to be given at the end of from 12 to 18 semester hours of graduate work at the University of Florida. The unassembled examination is evaluated by a committee of the faculty, which may recommend supplementary oral and/or written examinations for students whose admission to candidacy is in doubt.

The unassembled examination includes: (1) the student's academic record to date, (2) the student's scores on the *National Teacher Examination,* (3) evidence of competency in the use (oral and written) of the English language, (4) evaluation of personal qualities and promise of professional attainment by persons to whom the applicant's record is known, (5) the student's experience record, and (6) any other appropriate information.

The unassembled examination is administered through the Office of Graduate Studies in Education for the Graduate Committee.

The student's remaining program of study will be planned in terms of needs as revealed in the Admission to Candidacy Examination. On approval of the Graduate Committee, the candidate will be recommended for the degree upon the satisfactory completion of the designated course work.

The candidate must have completed at least one year of teaching prior to taking the last six semester hours of work, or must have included in his record the satisfactory completion of an internship program or a minimum of six semester hours of student teaching.

The Graduate Committee of the Department of Education.—A special counselor is appointed for each student in the Master of Education program. His work is under the general supervision of the Graduate Committee in the Department of Education. The program is administered through the Office of Graduate Studies in Education.

MASTER OF AGRICULTURE

Admission.—Qualified students holding the degree of Bachelor of Science in Agriculture, or its equivalent, may enroll in courses leading to the professional degree of Master of Agriculture. (See *Admission to Graduate School.*)

Residence.—A minimum of two semesters, or four nine-weeks summer terms, or the equivalent, is required as residence.

Work Required.—A minimum of thirty semester hours of course work shall be required, at least fifteen of which shall be designated strictly for graduates. Each student's program is designed to take into account the qualifications and needs of the individual and is subject to the approval of the Supervisory Committee. A thesis is not required, but the student will submit reports, term papers, and records of work accomplished. A final oral examination by the Supervisory Committee covering the whole field of study of the candidate is required.

Supervisory Committee.—A Supervisory Committee, consisting of the major professor as Chairman and two others from the related fields of study, appointed by the Dean of the Graduate School, has charge of the program of work of the candidate.

Admission to Candidacy.—The regulations regarding application for admission to candidacy under "Master's Degrees with Thesis" above applies also to this degree.

MASTER OF BUSINESS ADMINISTRATION

This is a professional degree representing a fifth year of work for those students who plan to enter business occupations and wish to go beyond the undergraduate degree.

Admission.—Qualified students holding the degree of Bachelor of Science in Business Administration, or its equivalent, may be admitted to courses leading to the degree of Master of Business Administration. (See *Admission to Graduate School.*)

Residence.—A minimum of two semesters, or four nine-weeks summer terms, or the equivalent, is required as residence.

Work Required.—Thirty semester hours of economic and business courses are required. Of these, not less than 15 semester hours must be in courses designated strictly for graduates and numbered 500 or more.

Examinations.—Two comprehensive examinations are required; a written examination at the time the candidate is admitted to candidacy, and an oral examination at the end of the course work and confined largely to the field of concentration.

Supervisory Committee.—A committee of five members of the faculty of the College of Business Administration, with the Dean of the College or some person designated by him serving as Chairman, will supervise the work of students registered in this program.

Admission to Candidacy.—Application for Admission to Candidacy for this degree must be made on blank Form 3-C when the student has completed half of his course work and has passed the first of the comprehensive examinations referred to above.

MASTER OF PHYSICAL EDUCATION AND HEALTH

Admission.—Qualified students holding the degree of Bachelor of Science in Physical Education and Health, or its equivalent (such as a Bachelor of Arts in Education with a major in Physical Education), may be admitted to courses leading to the professional degree of Master of Physical Education and Health. (See *Admission to Graduate School.*)

Residence.—A minimum of two semesters, or four nine-weeks summer terms, or the equivalent is required as residence.

Work Required.—A minimum of thirty semester hours of course work is required, at least fifteen of which must be courses in the fields of Physical Education, Health Education or Recreation designated strictly for graduates (courses numbered 500 or above). Of the remaining fifteen hours, at least nine semester hours must be taken in courses outside the College of Physical Education, Health and Athletics.

Supervisory Committee.—A committee of five members of the faculty of the College of Physical Education, Health and Athletics, with the Dean of the College or some person designated by him serving him as chairman, and the Dean of the Graduate School as *ex-officio* member, will supervise the work of students registered in this program, subject to the approval of the Graduate Council.

Admission to Candidacy.—Admission to the work of this program is not a guarantee that the student will be admitted to candidacy for the degree. The student will be required to pass a written and/or oral examination in addition to being recommended by the supervisory committee for admission to candidacy. This examination should be taken by the end of the student's first semester of residence.

Final Examination.—A thesis is not required but the candidate must pass a final examination at the close of his course work. This written and/or oral examination will be administered by the supervisory committee and will cover the student's whole field of study.

GRADUATE PROGRAM IN PUBLIC ADMINISTRATION

Graduate work is offered leading to various fields of public employment. Three training sequences are outlined herein:

Management Sequence.—Advisor for the major field is in the Department of Political Science. Training in this area is offered leading to positions in city manager government, and for state and federal civil service requirements. The major will be a concentration of public administration courses within the field of political science. A minor or minors may be taken in economics (concentration in public finance), accounting, or other areas.

Finance Sequence.—Advisor of the major field is the graduate advisor for the College of Business Administration. Courses in this sequence include public finance courses applicable toward a major. Accounting courses are also recommended. Training is designed for those applying for positions in fiscal departments of state, county, and federal government.

Public Management and the Public Schools.—Advisors are those for graduate students in business administration, educational administration, and public administration (political science).

This sequence is designed to train only business managers in the public schools. Those interested in principalships, supervisory positions, etc., should follow the regular sequence for majors in education. Business managers of public schools are concerned

with purchasing, contracting, reporting of fiscal procedures and forms to the state educational officials, etc. Major and minor sequences in economics (public finance and accounting), educational administration and public administration (political science) are offered. Students with undergraduate sequences in accounting and business are encouraged to consider this program.

All sequences will include 24 semester hours of work and a thesis. The major is 12 to 18 semester hours and the minor is six to 12 hours, at least six of which must be in one field.

CANCER RESEARCH

The courses, seminars and research problems of the Cancer Research Laboratory will coordinate the knowledge the student acquires in basic or special courses and focus it on the cancer problem. The several options listed in Part 2 are to develop special skills in one or more fields as well as to supply perspective and develop critical judgment.

Twenty-four semester hours are required for the Master's Degree. At least 12 of these must be in the courses listed in Part 1. At least 6 hours should be in a related minor field (Group A, B, or C of Part 2). A reading knowledge of German is required. In addition to the course work, the student will be required to prepare and present a thesis acceptable to the Supervisory Committee.

For the degree Doctor of Philosophy the courses listed below in Part 1 must be completed and 24 credits chosen from one of the groups in Part 2. The candidate must present a thesis in Cancer research that represents an original contribution to the knowledge of the subject. In addition, he must prepare the essential material of his thesis in a form suitable for publication in a standard scientific journal. A reading knowledge of French and German is required.

Part 1.

BLY. 565-566.—Cancer Seminars. 3 credits each.
BLY. 581.—Research in Cancer. Variable credit.

Each student will have a research problem that is part of a larger project. A definite research contribution is expected and only those students who have shown creative ability in their Masters work will be allowed to enter as candidates for the Doctor's degree.

CY. 560.—Chemistry of Dyes and Vital Stains. 3 credits.
CY. 561.—Chemical Carcinogenesis. 3 credits.
CY. 562.—The Biochemistry of Cancer. 3 credits.
CY. 565-566.—Cancer Seminars. 3 credits each.
CY. 581.—Research in Cancer. Variable credit.
See BLY. 581.
PLY. 522.—Pathology. 5 credits.
PS. 568.—Biophysics. 3 credits.

Part 2.

In this part there are three options designed to develop special ability in biology-biochemistry, biochemistry-chemistry, or mathematics-biophysics-physical chemistry. It will be noted that some overlapping occurs so that the three divisions are not watertight compartments but rather a grouping of ideas.

Twenty-four credits chosen from one of the following groups. Not more than six credits may be in courses numbered below 500.

Group A: ACY. 541, 542, 543, 544.
AY. 329.
AL. 301, 543.
BCY. 301, 401, 610.
PLY. 363, 364, 417, 521.

Group B: CG. 522.
CY. 401, 402, 481, 482, 505, 506, 510, 517, 521, 522, 530, 533, 547, 548, 551.

Group C: CG. 467, 468, 522.
CY. 510, 521, 522.
EL. 443, 444, 552.
MS. 310, 353, 420, 520, 540.
PS. 309, 313, 316, 317, 503, 508, 521.

Part 3.

Courses prescribed by the candidate's Supervisory Committee to make up deficiences in his previous training. No credit.

GRADUATE SCHOOL OF INTER-AMERICAN STUDIES

This department, headed by a Director, operates in accordance with the standards of the University Graduate School and Graduate Council. Its Director and staff in Inter-American Affairs in the humanities and social sciences will advise the students at the graduate level in conformity with the regulations of the Graduate School.

The general Inter-American program of the University in connection with Inter-American Affairs embraces all phases of University work including agriculture, engineering, etc., and is worked out cooperatively with existing units in these areas.

DOCTOR OF PHILOSOPHY

The degree of Doctor of Philosophy is offered in the departments of Animal Husbandry (Animal Nutrition), Biology (Zoology), Cancer Research, Chemistry, Chemical Engineering, Economics, Electrical Engineering, English, History, Horticulture, Mathematics, Pharmacy, Pharmacognosy, Pharmacology, Physics, Psychology, Political Science, Spanish, and Speech. It is expected that the degree in other departments will be added from year to year as facilities are increased.

Residence.—A minimum of three academic years of resident graduate work, of which either the second or the third year must be spent continuously (in continuous residence) as a full-time student at the University of Florida, is required of all candidates for the doctor's degree. In many cases, it will be necessary to remain longer than three years, and necessarily so when the student is not putting in his full time in graduate work.

Distribution of Work.—Two-thirds of the student's time is usually spent upon his major subject and the dissertation, and about one-third on his minor or minors. The student will be guided in his whole course of study by the professor of his major subject

and by his special supervisory committee. The Graduate Council does not specify just what courses or how many courses will be required. Doctoral work is mainly research, and the student is thrown largely upon his own responsibility.

Candidates in Animal Husbandry and Horticulture may do their research at certain branch stations of the University of Florida Agricultural Experiment Station where adequate staff and facilities are available.

Minors.—The student must take at least one and not more than two minors. In general, if two minors are taken, the second minor will require at least one year.

Special Supervisory Committee.—When the student has advanced sufficiently towards his degree, a special committee will be appointed by the Dean, with the professor of the major subject as chairman. This committee will direct, advise, and examine the student. The Dean is an *ex-officio* member of all supervisory committees.

Language Requirement.—A reading knowledge of both French and German is required of all candidates for the Ph.D. degree. The examinations in the languages are given by the language departments concerned. These requirements should be met as early as possible in the student's career and must be satisfied before the applicant can be admitted to the qualifying examination. In special cases the candidate's supervisory committee may recommend that another foreign language be substituted for either French or German.

Qualifying Examination.—The qualifying examination, which is required of all candidates for the degree of Doctor of Philosophy, may be taken during the second term of the second year of residence. The examination, which will be conducted by the special supervisory committee, is both written and oral and covers both major and minor subjects.

Between the qualifying examination and the conferring of the degree there must elapse a minimum interval of one academic year in full-time residence, or one full calendar year.

If the student fails in his qualifying examination, he will not be given another opportunity unless for special reasons a re-examination is recommended by his special supervisory committee and approved by the Graduate Council.

Dissertation.—A satisfactory dissertation showing independent investigation and research is required of all candidates. Two typewritten copies of this dissertation must be presented to the Dean on or before the date specified in the University Calendar.

Printing of Dissertation.—One hundred printed copies of the dissertation must be presented to the University within two years after the conferring of the degree. Reprints from reputable journals may be accepted upon the recommendation of the special supervisory committee. After the dissertation has been accepted, the candidate must deposit with the Business Manager, not later than one week before the degree is conferred, the sum of $50 as a pledge that the dissertation will be published within the prescribed time. This sum will be returned if the printed copies are received within two years.

Final Examination.—After the acceptance of the dissertation and the completion of all other prescribed work of the candidate, but in no case earlier than sixty days before the conferring of the degree, the candidate will be given a final examination, oral or written or both, by his special supervisory committee.

DOCTOR OF EDUCATION

The requirements for the degree are the same as those for the Doctor of Philosophy, with the exception that candidates for the degree of Doctor of Education either may satisfy the usual language requirement or may substitute the following:

1. A course in educational research;
2. An examination covering the techniques of using the library;
3. An elementary course in statistics.

These requirements must be met before the student is eligible to apply for the qualifying examination.

The doctoral candidate in Education must choose, as his area of specialization, an instructional field in which competent supervision is available.

A minor is supporting work taken in another field. It consists of at least twelve semester hours for the first minor and at least six semester hours for the second minor. Minors may not be taken in any branch of Education.

Before he can be recommended for admission to candidacy, the student must present a project outline approved by his supervisory committee to a graduate seminar, consisting of representatives of the Graduate Committee of the College of Education, his supervisory committee, other faculty members, and graduate students.

The residence requirement may not be satisfied by summer session attendance only. Either the second or third year must be in continuous residence as a full-time student at the University of Florida.

FLORIDA POST GRADUATE CERTIFICATES

For regulations governing the securing of recommendations for the Florida Post Graduate Certificate and the Advanced Post Graduate Certificate, consult the Office of Graduate Studies in Education, 202 Yonge Building.

INSTRUCTIONS FOR GRADUATE STUDENTS

1. Correspond with the Dean and if necessary with the head of the department in which you propose to take your major work.

2. If you are found eligible and decide to come to the University of Florida, have the Registrar of your school send a transcript of your work to the Registrar at the University. This should be at least a month before the date for registration, *and it must be on file before the student will be allowed to register.*

3. At the proper time, register with the Dean. He will give you blank form No. 1 to take to your department head. Either the head of the department or some other professor in this department will become the professor of your major subject and will suggest courses for which you should register for the session. Take this blank to the Dean and complete your registration.

4. Observe the dates for satisfying the language requirement and for applying for admission to candidacy.

5. Early in your last term before graduation, notify the Registrar that you are a candidate for a degree. See calendar for *Last day for making application for a degree.*

6. When you are ready to put the thesis in final form, get instructions at the Dean's office. Watch your time. Consult the calendar.

7. Consult the professor of your major subject and your special supervisory committee for guidance.

8. Consult the Dean's office if you wish interpretation of any requirement.

RESEARCH PROGRAM AT THE OAK RIDGE INSTITUTE OF NUCLEAR STUDIES

The University of Florida is one of the Sponsoring Universities of the Oak Ridge Institute of Nuclear Studies located at Oak Ridge, Tennessee. Through this cooperative association with the Institute our Graduate Research Program has at its disposal all the facilities of the National Laboratories in Oak Ridge and of the research staffs of these laboratories. When Master's and Doctoral candidates have completed their resident work it is possible, by special arrangement, for them to go to Oak Ridge to do their research problems and prepare their thesis. In addition, it is possible for the staff members of this University to go to Oak Ridge for varying periods, usually not less than three months, for advanced study in their particular fields. Thus, both staff and students may keep abreast of the most modern and up-to-date developments in atomic and nuclear research that is in progress at the Oak Ridge laboratories.

The students will go to Oak Ridge on Oak Ridge Graduate Fellowships which have varying stipends determined by the number of dependents they have and the level of work that they are doing. Staff members may work in Oak Ridge on stipends commensurate with their present salary and rank.

A copy of the bulletin and Announcement of the Graduate Training Program of the Oak Ridge Institute of Nuclear Studies is available in the office of the Dean of the Graduate School. Should you be interested, ask for this Bulletin at his office, and he will be glad to assist you in making an application for an Oak Ridge Fellowship. If you prefer you may request a Bulletin by writing to the Chairman of the University Relations Division of the Oak Ridge Institute of Nuclear Studies, Box 117, Oak Ridge, Tennessee.

All arrangements for these fellowships will be made between the Dean of the Graduate School and the Institute.

RESEARCH COUNCIL

The Research Council was established in 1939. It consists of seven members appointed by the President. Its functions are to stimulate, encourage, and coordinate research at the University of Florida; to classify and enunciate general conceptions essential to such a purpose; to undertake investigation relevant to the problems involved, and to devise ways and means of making its plans effective and prudent in University policies. The Research Council also administers the University policies concerning patents and copyrights. The Council is expected to study the needs of the region and to determine University policies for participation therein.

SIGMA XI

In October, 1938, the University of Florida was granted a charter for a chapter of the Society of the Sigma Xi, national honor society for research scientists, founded in 1887. The chapter was inaugurated with fifty-two members of the staff as charter members. Only graduate students, faculty, and scientists engaged in original research are eligible for membership.

GRANTS-IN-AID TO CANDIDATES FOR MASTER'S AND DOCTOR'S DEGREES

To assist able students in pursuing post-graduate studies leading to Master's and Doctor's degrees, a number of grants are available. As a general aim, emphasis will be placed upon building up trained personnel in the State. In addition to receiving the authorized stipend, holders are relieved from the payment of out-of-state tuition fees. Unless otherwise stated, applications should be made direct to the Dean of the Graduate School.

American Foundation for Pharmaceutical Education Scholarships.—A number of graduate scholarships are offered by the American Foundation for Pharmaceutical Education which carry stipends up to $1,500. Holders of these scholarships may pursue graduate work at the University of Florida. Applications should be made to the foundation, 330 West 42nd Street, New York 18, New York.

Dudley Beaumont Memorial Fellowships.—These fellowships, established by the trustees of the Louis D. Beaumont Trust in memory of Dudley Beaumont, are for graduate students in the field of natural sciences and in Inter-American Area Studies. One or two with an annual stipend of $1,000 may be available. In selecting candidates, scholastic achievement and promise in research will be the principal criteria.

The Florida Citrus Exchange Scholarship in Cooperative Marketing.—This scholarship established by the Florida Citrus Exchange is awarded each year to a graduate of the College of Agriculture of the University of Florida for Graduate study in the field of agricultural cooperation. The Scholarship Committee of the Florida Citrus Exchange selects from not more than five students, recommended by the Dean of the College of Agriculture, the student to whom the scholarship will be awarded. It carries a stipend of $1,000 for each twelve-month period. Application for the scholarship should be made to the Dean of the College of Agriculture not later than March 1. Final decision will be made not later than May 1.

H. Harold Hume Fellowship of the Florida Federation of Garden Clubs.—This fellowship, established by the Florida Federation of Garden Clubs, has for its object the investigation of special problems of ornamental horticulture in Florida. The work is under the direction of the Department of Horticulture. The fellowship carries a stipend of $1,000 annually.

Graduate Naval Stores Research Assistantships.—Several grants of $1,020 each for a twelve-month period are made to well qualified students in Chemistry to carry on research in naval stores products. Information may be procured direct from the Director of Naval Stores Research.

Industrial Fellowships.—Various industrial fellowships are available from year to year. These vary in amounts from $900 to $1800. Application should be made to the director, Engineering and Industrial Experiment Station, College of Engineering.

Pharmacy Foundation Scholarship Funds Donated by the William S. Merrell Company.—The William S. Merrell Company of Cincinnati, Ohio, has established through the American Foundation for Pharmaceutical Education, a scholarship fund of $760 to aid worthy graduate students in the College of Pharmacy. Information may be obtained from the Dean of the College.

* * * * * * *

A number of graduate fellowships and teaching assistantships are available annually to meritorious students at stipends ranging from $1,000 to $1,800 for the twelve-month period. These are open to candidates in any field of research and preference may be given to Florida students.

Graduate assistantships are available in many departments of the University. They call for a limited amount of work as research and laboratory assistants and carry a stipend of $900 or more for the academic year. Holders are permitted to carry three-fourths of a full graduate program.

BASIC COMPREHENSIVE COURSES OF THE UNIVERSITY COLLEGE

C-1

Instructional Staff 1950-51

Carleton, W. G., Chairman; Atchley, M. H., Baringer, W. E., Bault, R. Q., Brand, M., Burrus, J., Diamant, A., Donovan, C. H., Doty, F. A., Dovell, J. E., Hammond, E. A., Hanna, P. L., Harrison, J. A., Hartmann, F. H., Koen, R. Y., Marshall, H. R., McAlister, L. N., Osborn, G. C., Payne, A. N., Pendleton, W. C., Price, J. E., Proctor, S., Pyle, G. B., Qualls, L. L., Reynolds, J. H., Svarlien, O., Thompson, A. W., Vedder, C. B., Webb, J. N., Wolff, G. E., Worcester, D. E.

C-1. (11-12).—American Institutions. 4 hours per week throughout the year. 8 credits. Offered 1, 2, 3.

Designed to develop and stimulate the ability to interpret the interrelated problems confronting American institutions. The unequal rates of change in technology, in economic life, in government, in family life, in education, and in religion are analyzed and interpreted to show the need for a more effective co-ordination of the factors of our evolving social organization of today. Careful scrutiny is made of the changing functions of our institutions as joint interdependent activities so that a consciousness of the significant relationships between the individual and social institutions may be developed, from which consciousness a greater degree of social adjustment may be achieved.

C-2

Instructional Staff 1950-51

Gaddum, L. W., Chairman; Adkinson, J. A., Anderson, W. J., Bault, R. Q., Bunting, D. C., Cross, C. I., Day, R., Dunkle, J. R., Dyer, D. R., Edwards, R. A., Elliott, L. P., Greiner, J. W., Knowles, H. L., Low, E., Pirkle, E. C., Pomeroy, D., Purdy, D. R., Rappenecker, C., Reagon, W. R., Roberts, L. I., Sawyer, E. M.

C-2. (21-22).—The Physical Sciences. 3 or more hours per week throughout the year. 6 credits. Offered 1, 2, 3.

An attempt to survey the phenomena of the physical universe with particular reference to man's immediate environment to show how these phenomena are investigated; to explain the more important principles and relations which have been found to aid in the understanding of them; and to review the present status of man's dependence upon and ability to utilize physical materials, forces, and relations. The concepts are taken mainly from the fields of physics, chemistry, astronomy, geology, and geography, and they are so integrated as to demonstrate their essential unity.

C-3

Instructional Staff 1950-51

Wise, J. Hooper, Chairman; Baughan, D. E., Boone, L., Bowers, R. H., Bradshaw, P., Childers, W. C., Clark, W. A., Cody, I. Y., Congleton, J. E., Constans, H. P., Cutler, R., Fogle, S. F., Gehan, F. E., Green, W. E., Harkness, D. R., Hart, T. A. E., Hodges, J. R., Kirkland, E. C., Knowles, R. L., Larry, Cynthia, Lee, R. C., MacLeod, M., Morris, A. C., Mounts, C. E., Ormond, W. N., Penrod, J. A., Spache, G. D., Stryker, D., Walker, B. H., Warfel, H. R., Wescott, R. W., Wilson, J. L.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

C-3. (31-32).—Reading, Speaking, and Writing—Freshman English. 4 or more hours per week throughout the year. 8 credits. Offered 1, 2, 3.

A comprehensive English course designed to enlarge the student's store of ideas and meanings and to increase his efficiency in the communication arts — reading, writing, speaking, and listening. The course provides regular practice in oral and silent reading, in thought analysis, in improving the form and style of written and oral expression, in extending the vocabulary, and in making effective use of the body and voice in speaking. Students are encouraged to read widely as a means of broadening their interests and increasing their ability to communicate effectively.

C-41

Instructional Staff 1950-51

Wilson, W. H., Chairman; Bentley, G. R., Carson, R. E., Cox, E. H., Fain, J. T., Haines, L. F., Hetenyi, L., Little, W. W., Moore, W. E., Tilley, W. H.

C-41.—Practical Logic. 3 hours per week during one semester. 3 credits. Offered 1, 2, 3.

The principal aims are (1) to develop ability to think with greater accuracy and thoroughness and (2) to develop ability to evaluate the thinking of others. The material used applies to actual living and working conditions. The case method is used to insure practice, and numerous exercises are assigned.

C-42

Instructional Staff 1950-51

Kokomoor, F. W., Chairman; Blake, R. G., Blanton, L. W., Conkling, R. M., Cowan, R. W., Dostal, B. F., Gager, W. A., Gormsen, S. T., Hadlock, E. H., Hutcherson, W. R., Lang, G. B., Lewis, H. K., Litherland, A. C., Lytle, E. J. Jr., Mason, R. H., McCarty, M. E., McInnis, S. W., Meyer, H. A., Morales, J. A., Patterson, P. B., Pirenian, Z. M., Rohde, F. Virginia, Smith, C. B., Walters, K., and Young, J. W.

C-42.—Fundamental Mathematics. 3 or more hours per week during one semester. 3 credits. Offered 1, 2, 3.

A practical elementary course consisting of that mathematics deemed most useful for students who do not plan necessarily to specialize in mathematics. It covers the development of the number system, computation with approximate and exact numbers, algebra as a generalization of arithmetic, practical geometry, functional relationships, logarithms and the simple trigonometry of the triangle, simple and compound interest, and annuities. Not open to students who have completed Basic Mathematics.

C-5

Instructional Staff 1950-51

Davidson, R. F., Chairman; Carson, R. E., Cole, P. D. H., Cooper, B. S., Graeffe, A. D., Groth, J. H., Harkness, D. R., Hart, F. H., Hart, T. A. E., Herbert, T. W., Hetenyi, L., Hodges, J. R., Murphree, A. A., Patrick, J. M., Robillard, A. H., Ruff, W., Storer, M. B., Tilley, W. H., Trowbridge, C. W., Wathen, L. J., Wescott, R. W.

C-5. (51-52).—The Humanities. 4 hours per week throughout the year. 8 credits. Offered 1, 2, 3.

Designed to acquaint the student with the literature, philosophy, art and music in which the enduring values of human life have found expression. The course deals both with the culture of our own day and with our cultural heritage. Its large purpose is to develop a more mature understanding, an enlarged appreciation, and a philosophy of life adequate for the needs of our age.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

C-6

Instructional Staff 1950-51

Byers, C. F., Chairman; Brodkorb, P., Carr, A. F., Crenshaw, J. W., Darlington, J. K., Dickinson, J. C., Goin, C. J., Griffith, M. M., Grobman, A. B., Jones, E. R., Kilby, J. D., Laessle, A. M., Leavitt, B. B., Odum, H. T., Oliver, J. A., Phillips, G. R., Pierce, E. L., Reid, G. K., Wallace, H. K., Westfall, M. J.

C-6. (61-62).—Biological Science. 3 hours per week throughout the year. 6 credits. Offered 1, 2, 3.

The biological problems and principles associated with the organism's role as: (1) a living individual, (2) a member of a race, (3) a product of evolutionary processes, and (4) a member of a socially and economically interrelated complex of living organisms. Under these headings such topics as the structure and functioning of the human body, the structure and functioning of the higher plants, methods of reproduction, heredity and variation, the theory of evolution, and ecology are discussed.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

DEPARTMENTAL COURSES

ACCOUNTING

Instructional Staff 1950-51

Lanham, J. S., Head; Anderson, C. A., Codding, J. L., DaVault, J. W., Deinzer, H. T., Matthies, W. R., Moore, J. F., Moshier, W. F., Parker, W. F., Peterson, E. G., Ray, D. D., Scott, N. H., Summerhill, G. W., Tornwall, G. E.

Courses numbered 300 and higher are open only to students with junior standing. Note, however, the prerequisites for certain courses.

ATG. 211.—Elementary Accounting. 3 hours. 3 credits. The first half of the course ATG. 211-212. Offered 1, 2, 3.

The basic training in business practice and in accounting. A study of business papers and records; recording transactions; preparation of financial statements and reports.

ATG. 212.—Elementary Accounting. 3 hours. 3 credits. The second half of the course ATG. 211-212. Offered 1, 2, 3.

ATG. 214.—Federal Income Taxes for Individuals. 3 hours. 3 credits. Offered 1.

The Internal Revenue Code, regulations and cases which apply to the determination and taxation of incomes of individuals. Limited in scope to fundamentals of the law and its application to fairly simple situations. Consideration given to incomes, deductions, withholding, rates, returns, declarations and filing. Designed for the general student. Students majoring in accounting take ATG. 414 instead of this course.

ATG. 311.—Accounting Principles. 3 hours. 3 credits. Prerequisite: ATG. 211-212. Offered 1, 2, 3.

The mechanical and statistical aspects of accounting; books of record; accounts; fiscal period and adjustments; working papers; form and preparation of financial statements; followed by an intensive and critical study of the problems of valuation as they affect the preparation of the balance sheet and income statements.

ATG. 312.—Accounting Principles. 3 hours. 3 credits. Prerequisite: ATG. 311. Offered 1, 2, 3.

The legal aspects of accounting and related problems resulting from the legal organization form used by businesses; liabilities; proprietorship; corporations; capital stock; surplus; followed by a study of the financial aspects of accounting as disclosed by an analysis and interpretation of financial statements; financial ratios and standards, their preparation, meaning and use.

ATG. 313.—Cost Accounting. 3 hours. 3 credits. Prerequisite: ATG. 212. Offered 1, 2, 3.

The methods of collection, classification, and interpretation of cost data; special problems, standard costs, cost systems, use of cost data in business control.

ATG. 411.—Advanced Accounting. Problems. 3 hours. 3 credits. Prerequisite: ATG. 312. Offered 1, 2, 3.

Specialized accounting problems; partnerships; statement of affairs; consignments; installments; ventures; insurance and other related subjects.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

ATG. 412.—Principles of Auditing. 3 hours. 3 credits. Prerequisite: ATG. 312. Offered 1, 2, 3.

Auditing theory and current auditing practice; principal kinds of audits and services of the public accountant; professional and ethical aspects of auditing.

ATG. 413.—Advanced Accounting. Systems. 3 hours. 3 credits. Prerequisite or corequisite: ATG. 312. Offered 1.

The business problems involved in the creation and operation of accounting systems. Exercises in the analysis of existing systems in business and industry, and complete reports thereon are required.

ATG. 414.—Income Tax Procedure. 3 hours. 3 credits. Prerequisite: ATG. 311. Offered 1, 2, 3.

The federal income tax law and related accounting problems; preparation of returns for individuals, partnerships, fiduciaries and corporations. Practice is provided in the use of the loose-leaf income tax services.

ATG. 415.—Corporate Accounting Problems. 3 hours. 3 credits. Prerequisite: ATG. 411. Offered 1, 2.

The corporate accounting problems concerning consolidation, reorganization, quasi-reorganization, mergers and voluntary and involuntary liquidations.

ATG. 416.—Internal Auditing. 3 hours. 3 credits. Prerequisite: ATG. 312. Offered 2.

The principles and procedures by which a firm systematically examines its books and records to ascertain or verify and report on the facts regarding its operating techniques, financial position and its financial operations.

ATG. 417.—Governmental Accounting. 3 hours. 3 credits. Prerequisite or corequisite: ATG. 311. Offered 1, 2, 3.

The basic principles underlying governmental and institutional accounting. Detailed consideration is given to the operation of recommended types of funds, the budget process, account structure, tax accounting for cities, and the utilization of accounting in the preparation of significant reports.

ATG. 418.—Advanced Accounting. C.P.A. Problems. 3 hours. 3 credits. Prerequisite: ATG. 312. Offered 1, 2, 3.

A continuation of specialized accounting problems; receiverships; foreign exchange; stock brokerage; estates and trusts; budgets; business taxes; consolidation and mergers; and other problems usually covered in the C. P. A. examinations.

ATG. 419.—Controllership Accounting. 3 hours. 3 credits. Prerequisite or corequisite: ATG. 312 except for majors in management. Offered 2.

The accounting and administrative functions and the managerial responsibilities of the chief accounting and reports officer of the modern business enterprise.

GRADUATE COURSES

Though no graduate major may be completed without adequate course work on the 500 level, certain undergraduate courses in accounting are available for graduate credit as a part of a candidate's major. These are: ATG. 413—Advanced Accounting: Systems; ATG. 414—Income Tax Procedure; ATG. 415—Corporate Accounting Prob-

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

lems; ATG. 416—Internal Auditing; ATG. 417—Governmental Accounting; ATG. 418—Advanced Accounting: CPA Problems; and ATG. 419—Controllership Accounting.

ATG. 511.—Accounting Theory. 3 hours. 3 credits. Prerequisite: ATG. 411. Offered 1.

The theory behind accounting functions in their relation to the business enterprise.

ATG. 512.—Public Accounting: Problems and Reports. 3 hours. 3 credits. Prerequisite: ATG. 412. Offered 1.

Some of the leading problems in the field of public accounting, including the services offered, the need for and the manner of regulation of the profession, requirements for success in the profession, liabilities of public accountants, criteria for evaluating auditing standards, and the formulation of audit reports. Use is made of selected case studies. Consideration is also given to the relation of public accounting to other professions, and attention is directed to the bibliography of the field.

ATG. 513.—Cost and Budgeting Accounting. 3 hours. 3 credits. Prerequisites: ATG. 313, ATG. 411, and ATG. 412. Offered 1.

An analysis of complex cost problems, managerial use of cost reports in management and budget preparation, as well as the design and installation of cost systems.

ATG. 514.—Federal Income Tax Accounting. 3 hours. 3 credits. Prerequisite: ATG. 414. Offered 2, 3.

Advanced consideration of corporation income tax accounting; procedure in respect to the controversies over income tax liability, including rules of practice before the Treasury Department and the Tax Court; and federal estate and gift taxes, including their income tax aspects. This course requires some original search for the application of income tax standards, and provides for the preparation of reports or briefs.

ATG. 517.—Governmental and Municipal Accounting. 3 hours. 3 credits. Prerequisite: ATG. 317. Offered 1.

An intensive study of alternative accounting procedures and reports for local governments, including a detailed consideration of municipal cost accounting; study of state accounting and financial procedures, including their relation to local government accounting practices; survey of accounting and budgeting in the federal government, including the relation of cash income and outgo statements to national income accounting.

ATG. 518.—Evolution of Accounting Theory and Practice. 3 hours. 3 credits. Prerequisite: ATG. 411. Offered 2.

Development of accounting principles and practices and their relation to economics, law and finance.

ATG. 519.—C.P.A. Problems. 3 hours. 3 credits. Prerequisite: ATG. 418. Offered 2, 3.

A critical analysis of theories and technics involved in the solution of advanced accounting problems containing complex situations faced by public accountants and candidates for the C.P.A. examinations.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

AERONAUTICAL ENGINEERING

Instructional Staff 1950-51

Thompson, R. A., Head; Polovkas, V. G.

AN. 301.—Aviation. 4 hours ground school, 3 hours flight, 3 credits. Prerequisites: PS. 205-6-7-8, appropriate medical and C.A.A. certificates and insurance coverage. Offered 1, 2, 3.

A laboratory course open only to aeronautical engineering majors who have not had flight piloting experience. Theory of Flight, elementary meteorology and navigation, radio, civil air regulations, general service of aircraft, and actual flight instruction to familiarize the student with actual flight problems and the performance of the airplane. This course leads to the Private Pilot certificate. This is an extra fee course, the laboratory fee approximating $500.00. This course will be given in accordance with C.A.A. Manual 50 for the Private Pilot.

AN. 381.—Aerodynamics. 3 hours. 3 credits. Prerequisite: EM. 365. Corequisites: EM. 366, ML. 385. The first half of the course AN. 381-382. Offered 1.

Properties of air; airfoil characteristics; drag calculations; engine-propeller characteristics; performance calculation; stability calculations; aerodynamic problems. N.A.C.A. Reports, Dwinnell, *Principles of Aerodynamics.*

AN. 382.—Aerodynamics. 3 hours. 3 credits. The second half of the course AN. 381-382. Bonney, **Supersonic Aerodynamics.** Offered 2.

AN. 383.—Aeronautical Laboratory. 4 hours laboratory. 1 credit. Corequisite: AN. 381. Offered 1.

Wind Tunnel experimentation. Verification of aerodynamic theory. Experiments on calibration; velocity survey, pressure distribution, force measurement, turbulence. Methods and equipment used in aerodynamics research. Pope, *Wind Tunnel Testing.* N.A.C.A. Reports.

AN. 384.—Aeronautical Laboratory. 4 hours laboratory. 1 credit. Corequisite: AN. 382. Offered 2.

The theory of aircraft instruments and their testing in the laboratory. Study and practice of the technique of flight testing. Experiments on air speed calibration, free air temperature calibration, rate of climb, stability, stall characteristics. Notes and manufacturers reports: N.A.C.A. Reports; Hamlin, *Flight Testing.*

AN. 385.—Aircraft Materials and Processes. 3 hours. 3 credits. Offered 2.

Aircraft materials, their physical properties, specifications and uses. A study of special manufacturing processes used in the aircraft industry. Titterton, *Aircraft Materials and Processes; Alcoa Handbooks.*

AN. 485.—Airplane Design. 2 hours and 3 hours laboratory. 3 credits. Corequisites: AN. 381-382. The first half of the course AN. 485-486. Offered 1.

Aircraft Design Procedure, weight estimates, balance diagrams, cockpits, instruments, cabins, power plants, wing design, landing gear, tail surface, control systems, fuselage, stability. Teichman, *Airplane Design Manual;* McFarland, *Human Factors in Transport Design.*

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

AN. 486.—Airplane Design. 2 hours, and 3 hours laboratory. 3 credits. Prerequisite: AN. 485. The second half of the course AN. 485-486. Offered 2.

AN. 487.—Aircraft Structures. 3 hours. 3 credits. Prerequisites: EM. 365, EM. 366, EM. 367. The first half of the course AN. 487-488. Offered 1.

Methods of aircraft structural analysis and applied stress analysis. Instability, flat sheets, cylindrical structures, wings and control surfaces, fuselages, landing gears, engine mounts, etc. Peery, *Aircraft Structures;* ANC-5a, CAR-03, 04a,-04b, CAM-03,-04.

AN. 488.—Aircraft Structures. 3 hours. 3 credits. Prerequisites: AN. 487. The second half of the course AN. 487-488. Offered 2.

AN. 490.—Aircraft Propulsion. 2 hours. 2 credits. Prerequisites: AN. 381-382. Offered 1.

Propeller and jet theory as thrust producing devices. A study of fixed, controllable and constant speed propellers. Selection of propellers. Use of jet-assist devices. Overall characteristics of rockets, athodyd, reso-jet, gas turbine jet, prop-jet, and exhaust jets. Nelson, *Airplane Propeller Principles;* Norman & Zimmerman, *Introduction to Gas Turbines and Jet Propulsion Design;* Falk, *Aircraft Propellor Handbook.*

AN. 491.—Aeronautical Seminar. 1 hour. 1 credit. The first half of the course AN. 491-492. Offered 1.

A seminar period devoted to special topics of Aeronautical Engineering, and professional conduct.

AN. 492.—Aeronautical Seminar. 1 hour. 1 credit. The second half of the course AN. 491-492. Offered 2.

AN. 493.—Aeronautical Laboratory. 8 hours laboratory. 2 credits. Corequisite: AN. 488. Offered 2.

Experimental methods of testing aircraft and their components. Landing gear drop tests, wing rib tests, spar loading tests, elastic axis tests, static wing tests, combined loading propellor vibration tests. Tests on stiffened thin sheets, circular rings. Civil Air Regulations, Civil Aeronautics Manuals.

GRADUATE COURSES

AN. 581.—Advanced Aeronautical Design. 3 credits. The first half of the course AN. 581-582. Prerequisites: AN. 485-486, AN. 381-383, AN. 487-488.

Advanced aeronautical design projects.

AN. 582.—Advanced Aeronautical Design. 3 credits. The second half of the course AN. 581-582. Prerequisite: AN. 581.

AN. 583.—Aeronautical Research. 3 credits. The first half of the course AN. 583-584. Prerequisites: AN. 485-486, AN. 487-488, AN. 382-383.

Advanced aeronautical research projects.

AN. 584.—Aeronautical Research. 3 credits. The second half of the course AN. 583-584. Prerequisite: AN. 583.

AN. 585.—Advanced Aerodynamics. 3 credits. Prerequisites: AN. 381-382, AN. 383-384. Offered 1, 2, 3.

Advanced study of aerodynamics.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

AN. 586.—Supersonic Aerodynamics. 3 credits. Prerequisites: AN. 381-382, AN. 383-384. Offered 1, 2, 3.

Supersonic aerodynamic theory.

AN. 591.—Special Topics in Aeronautical Engineering. Variable credit. The first half of the course AN. 591-592. Offered 1, 2, 3.

Laboratory, lectures, or conferences covering specially selected topics in Aeronautical Engineering.

AN. 592.—Special Topics in Aeronautical Engineering. Variable credit. The second half of the course AN. 591-592. Offered 1, 2, 3.

AGRICULTURAL CHEMISTRY

Instructional Staff 1950-51

Black, A. P., Head; Gilbert, S. G., Stearns, T. W., Thomas, G. A., Brown, Eugene.

ACY. 125.—Agricultural Chemistry. 3 hours, and 2 hours lecture-demonstration. 4 credits. The first half of the course ACY. 125-126. Offered 1.

A basic course embodying selected fundamentals of inorganic, organic and biochemistry, and designed primarily for agricultural students.

ACY. 126.—Agricultural Chemistry. 3 hours, and 2 hours lecture-demonstration. 4 credits. The second half of the course ACY. 125-126. Offered 2.

ACY. 203.—Analytical Chemistry. 2 hours, and 3 hours laboratory. 3 credits. Prerequisites: ACY. 125-126 or CY. 101-102. Offered 1.

Qualitative analysis for agricultural students.

ACY. 208.—Agricultural Biochemistry. 3 hours. 3 credits. Prerequisites: CY. 101-102. Offered 2.

An introductory course in organic chemistry and biochemistry, especially for agricultural students.

ACY. 431.—Agricultural Analysis. 2 hours, and 3 or 6 hours laboratory. 3 or 4 credits. The first half of ACY. 431-432. Prerequisite: CY. 205 or its equivalent. Offered 1.

Quantitative analysis of agricultural products.

ACY. 432.—Agricultural Analysis. 2 hours, and 3 or 6 hours laboratory. 3 or 4 credits. The second half of ACY. 431-432. Offered 2.

GRADUATE COURSES

Prerequisites: See Department of Chemistry

ACY. 541.—Biochemistry. 3 hours or its equivalent. 3 credits. The first half of the course ACY. 541-542. Prerequisite: Organic Chemistry. Offered 1.

A general survey course in Biochemistry for graduate students, and for undergraduates by special permission of the instructor.

ACY. 542.—Biochemistry. 3 hours or its equivalent. 3 credits. The second half of course ACY. 541-542. Offered 2.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

ACY. 543.—Biochemistry Laboratory. 3 hours. 1 credit. The first half of course ACY. 543-544. Prerequisite or corequisite: ACY. 541. Offered 1.

Accompanying laboratory course for ACY 541.

ACY. 544.—Biochemistry Laboratory. 3 hours. 1 credit. The second half of course ACY. 543-544. Prerequisite or corequisite: ACY. 542. Offered 2.

Accompanying laboratory course for ACY. 542.

ACY. 570.—Research in Agricultural Chemistry. 2 to 6 credits.

AGRICULTURAL ECONOMICS

Instructional Staff 1950-51

Hamilton, H. G., Head; Brooker, M. A., Callander, W. F., French, A. Lee, Jr., Greene, R. E. L., Godwin, M. R., Husmann, W. E. A.

AS. 201.—Agricultural Economics. 3 hours. 3 credits. Offered 1, 2.

An introduction to the field of agricultural economics; principles of economics as applied to agriculture; economic problems of the agricultural industry and the individual farmer.

AS. 302.—Agricultural Resources. 3 hours. 3 credits. Offered 1.

Potentialities and limitations of agricultural production in the various regions of the United States and the world. Development of surplus and deficient agricultural areas. International trade in agricultural commodities.

AS. 303.—Farm Records. 2 hours, and 2 hours laboratory. 3 credits. Offered 1.

Methods and practice of making farm inventories, keeping financial records, and feed and crop records.

AS. 304.—Farm Finance and Appraisal. 3 hours. 3 credits. Offered 2, 3.

Problems peculiar to financing farmers and farmers' associations. Special attention is given to the Farm Credit Administration. One field trip is required.

AS. 306.—Farm Management. 2 hours, and 2 hours laboratory. 3 credits. Offered 1, 2, 3.

The factors of production; systems of farming, their distribution and adaption; problems of labor, machinery, layout of farms, and farm reorganization. One or more field trips are required.

AS. 308.—Marketing. 2 hours, and 2 hours laboratory. 3 credits. Offered 1, 2, 3.

Principles of marketing agricultural commodities; commodity exchanges and future trading; auction companies; market finance; market news; marketing of important agricultural commodities. One or two field trips are required.

AS. 311.—Rural Law. 2 hours. 2 credits. Offered 1.

Classification of farm property; study of farm boundaries, fences, stock laws, rents, contracts, deeds, abstracts, mortgages, taxes, and laws governing shipping of farm products.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

AS. 403.—Advanced Farm Management. 2 hours, and 2 hours laboratory. 3 credits. Prerequisite: AS. 306. Offered 1.

Research and extension methods in farm management; practice in taking farm surveys; study of successful farms in specialized type of farming areas in Florida. One or more field trips are required.

AS. 405.—Agricultural Prices. 3 hours. 3 credits. Offered 2.

Prices of farm products and the factors affecting them.

AS. 408.—Marketing Fruits and Vegetables. 3 hours. 3 credits. Offered 1, 2.

Marketing of citrus, tomatoes, beans, potatoes, and other Florida products. A two-day field trip is required.

AS. 409.—Cooperative Marketing. 3 hours. 3 credits. Offered 1, 2, 3.

Cooperative buying and selling organizations, their successes and failures; methods of organization, financing, and business management. A two-day field trip is required.

AS. 410.—Agricultural Statistics. 2 hours, and 2 hours laboratory. 3 credits. Offered 1.

The principles involved in the collection, tabulation, and interpretation of agricultural statistics.

AS. 411.—Advanced Agricultural Statistics. 3 hours, and 2 hours laboratory. 4 credits. Prerequisite: AS. 410. Offered 2.

The use of statistical principles and procedures in connection with agricultural data. Problems of sampling and questionnaire design, estimation and statistical analysis of sample data, utilizing methods of simple and multiple regression, graphic correlation, analysis of variance, tests of significance and other methods of testing results will be studied. Considerable attention will be given to the statistical procedures now followed by the U. S. Department of Agriculture and other governmental and private agencies in collecting and analyzing data.

AS. 412.—Land Economics. 2 hours, and 2 hours laboratory. 3 credits. Offered 2.

History of public land policies; land utilization; land reclamation; marginal and submarginal lands, and land credit.

AS. 413.—Agricultural Policy. 3 hours. 3 credits. Offered 2, 3.

A history of farmer attempts and accomplishments through organization and legislation to improve the economic and social status of agriculture. Evaluation of present legislative programs and policies affecting the farmer.

AS. 414.—Terminal Markets and Commodity Exchanges. 3 hours discussion week preceding and week following field trip, respectively. 1 credit. Prerequisite or corequisite: AS. 308 or consent of instructor. Offered 2.

A study of marketing agricultural products in terminal markets and agricultural commodity exchanges by visitation and inspection. The week of Spring Recess will be used for visiting the markets. A deposit of $50 for a laboratory field trip is required at the time of registration. Any amount not actually used will be refunded. An additional amount may be required at the time trip is made.

AS. 420.—Marketing of Livestock. 2 hours. 2 credits. Offered 2.

A study of firms handling livestock and distribution problems; factors affecting the price of livestock. One or two field trips are required.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

GRADUATE COURSES

Prerequisites: The student as a rule will have received his B.S. degree in agriculture from a college of recognized standing. The student must next satisfy one or more professors in each subject which he has chosen for major and minor study that he has the necessary preparation to pursue graduate work in that subject.

AS. 501.—Agricultural Economics Seminar. 2 hours. 2 credits. The first half of the course AS. 501-502. Offered 1.

Recent literature and research work in agricultural economics.

AS. 502.—Agricultural Economics Seminar. 2 hours. 2 credits. The second half of the course AS. 501-502. Offered 2.

AS. 505.—Research Problems in Farm Management. Hours and credit to be arranged by the Head of the Department. Offered 1, 3.

AS. 506.—Research Problems in Farm Management. Hours and credit to be arranged by the Head of the Department. Offered 2.

AS. 508.—Land Economics. 2 hours, and 2 hours laboratory. 3 credits. Offered 2.

Rural taxation, colonization, and adjustment of rural lands to their best uses.

AS. 511.—Research Problems in Marketing Agricultural Products. Hours and credit to be arranged and approved by the Head of the Department. Offered 1, 3.

AS. 512.—Research Problems in Marketing Agricultural Products. Hours and credit to be arranged and approved by the Head of the Department. Offered 2.

AS. 514.—Advanced Marketing of Agricultural Products. 2 hours, and 2 hours laboratory. 3 credits. Offered 2.

Study of private and cooperative agencies marketing agricultural products and commodities.

AGRICULTURAL ENGINEERING

Instructional Staff 1950-51

Rogers, F., Head; Choate, R. E., Skinner, T. C.

AG. 301.—Drainage and Irrigation. 2 hours, and 2 hours laboratory. 3 credits. Offered 1, 2, 3.

The drainage and irrigation of lands with treatment of the necessity for such in the production of field, fruit, and vegetable crops. The cost, design, operation and upkeep of drainage and irrigation systems. Field work in laying out systems.

AG. 302.—Farm Motors. 2 hours, and 2 hours laboratory. 3 credits. Offered 1, 2, 3.

The general principles of operation of the various sources of farm power. The care, operation, and repair of electric motors, internal combustion engines (including automobile, stationary gasoline engines, truck and tractor), and windmills. Laboratory work includes actual operation and repair.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

AG. 303.—Farm Shop. 2 hours, and 2 hours laboratory. 3 credits. Offered 1, 2, 3,.

The farm shop jobs that are common to the farms of Florida. Carpentry, concrete construction, light forging, soldering, tool care and repair are some of the jobs given special emphasis. Laboratory work includes actual shop practice.

AG. 306.—Farm Machinery. 2 hours, and 2 hours laboratory. 3 credits. Offered 1, 2, 3.

The operation, care, and repair of farm implements designed to give the student a fundamental knowledge of the various machines commonly used on the farm.

AG. 401.—Farm Structures. 2 hours, and 2 hours laboratory. 3 credits. Offered 1, 2, 3.

The functional requirements, design, cost, construction, and the structural analysis of farm buildings with some training in the preparation of blueprints.

AG. 402.—Farm Concrete. 1 hour, and 2 hours laboratory. 2 credits. Offered 2.

The coloring, curing, mixing, placing, proportioning, reinforcing and waterproofing of concrete for farm use. Consideration of materials suitable for farm concrete work.

AG. 403.—Agricultural Engineering Investigations. 2 hours. 2 credits. The first half of the course AG. 403-404. Offered 1, 3.

Assigned reading and reports of recent developments in the field of agricultural engineering.

AG. 404.—Agricultural Engineering Investigations. 2 hours. 2 credits. The second half of the course AG. 403-404. Offered 2.

AG. 406.—Dairy Engineering. 2 hours, and 2 hours laboratory. 3 credits. Offered 1.

The machinery and power used in the manufacture and storage of dairy products. Shop operations necessary to operation of dairy plant considered.

AG. 407.—Farm Shop Power Equipment. 1 hour, and 4 hours laboratory. 3 credits. Offered 1, 2, 3.

The care, operation and repair of both metal and woodworking power shop equipment used in the construction and repair of farm buildings and equipment.

AG. 408.—Soil and Water Conservation. Identical with SLS. 408. 2 hours, and 2 hours laboratory. 3 credits. Prerequisites: SLS. 301, AG. 301. Prerequisite or corequisite: SLS. 302. Offered 2.

(For description see SLS. 408).

GRADUATE COURSES

Prerequisites: Bachelor's degree in Agriculture or Agricultural Engineering. A minimum of twenty semester hours in Agricultural Engineering.

AG. 501.—Seminar. 2 hours. 2 credits. Offered 1, 2.

Agricultural engineering problems with a review of the literature. Required of all graduate students registered in the department.

AG. 570.—Research. 3 to 6 hours. 3 to 6 credits. Offered 1, 2, 3.

Special problems in agricultural engineering

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

AGRICULTURAL EXTENSION

Instructional Staff 1950-51

Senn, P. H., Head; Hampson, C. M.

AXT. 301.—Rural Leadership. 3 hours. 3 credits. Prerequisite: Junior Standing. Offered 1.

The duties of county agricultural agents and other rural leaders. Trains students to meet the public, interest farmers, conduct meetings, demonstrate good farming practices, plan programs, manage an office, and secure cooperation.

AXT. 405.—Rural Organizations and Programs. 3 hours. 3 credits. Prerequisite: AXT. 301. Offered 1.

The functions of the Agricultural Extension Service and other rural organizations; methods of developing agricultural programs; training of volunteer local leaders.

AXT. 407.—Agricultural Extension Youth Programs. 3 hours. 3 credits. Prerequisite: AXT. 301. Offered 1.

Designed to train students to develop and conduct 4-H Boys' and Girls' Club work and other Extension rural youth programs.

AXT. 421.—Individual Problems in Agricultural Extension Methods. 3 to 6 credits. Offered 1, 2.

Problems selected from the fields of Agricultural Extension workers, including 4-H Club work, demonstrations, and farm and home management.

GRADUATE COURSES

AXT. 521.—Special Problems in Agricultural Extension Methods. 3 to 9 credits. Offered 1, 2, 3.

Library and workshop relating to Agricultural Extension Methods. Research work is studied, publications reviewed and written reports developed.

AGRONOMY

Instructional Staff 1950-51

Senn, P. H., Head; Hanson, W. D., McCloud, D. E., Wofford, I. M.

AY. 221.—General Field Crops. 2 hours, and 2 hours laboratory. 3 credits. Offered 1, 3.

Grain, fiber, sugar, peanut, tobacco, forage and miscellaneous field crops, with special emphasis on varieties and practices recommended for southern United States. The history, botanical characteristics, soil and climatic adaptations, fertilizer and culture practices, growing processes, harvesting, uses, economic production and cropping systems are topics discussed.

AY. 324.—Forage and Cover Crops. 2 hours, and 2 hours laboratory. 3 credits. Offered 2, 3.

Plants that produce feed for livestock. Methods of establishing and managing grazing areas. Production and preservation of hay and silage crops. Plants suited for cover crops, conservation programs, and rotation systems of the South. Field trips and plant collections are embodied in laboratory and field demonstrations.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

AY. 325.—Exhibiting and Judging Farm Crops. 2 hours. 2 credits. Prerequisite: AY. 221 or AY. 324.

Designed to fit one to prepare exhibits and to judge competitive farm crop displays. Arrangement of exhibits, assimilation of materials and preparation of premium lists for fairs are considered.

AY. 329.—Applied Genetics. 3 hours. 3 credits. Offered 1, 3.

The fundamentals of inheritance, emphasizing the application of genetics and its associated branches of science in the improvement of economic plants and animals and in programs for human betterment.

AY. 331.—Laboratory Problems in Genetics. 4 hours laboratory. 2 credits. Offered 1.

Laboratory methods in applying genetic principles, with breeding experiments illustrating the laws of inheritance. Designed to be taken in conjunction with AY. 329.

AY. 342.—Seed Analysis and Weed Control. 2 hours, and 2 hours laboratory. 3 credits.

Seed germination, viability and purity tests. Identification of crop and weed seed. Production, field inspection, handling and storage of seed stocks. Laws and regulations of the seed trade. Mechanical, cultural, and chemical methods of weed control.

AY. 422.—Plant Breeding. 2 hours, and 2 hours laboratory. 3 credits. Prerequisites: C-61 and C-62, or equivalent. Offered 2.

The fundamental principles of plant improvement. Field practice in artificial pollination, hybridization, and field plot technique, acquaint the student with modern methods employed in plant breeding.

AY. 426.—Individual Problems in Agronomy. 2 hours reference or laboratory work per credit. Variable credit. Offered 1, 2, 3.

Individual problems selected from the fields of crop production, genetics, or plant breeding.

AY. 436.—Pastures. 1 hour, and 2 hours laboratory. 2 credits. Prerequisite: AY. 221 or AY. 324. Offered 2, 3.

The development and management of grazing areas of southeastern United States, with particular reference to Florida conditions. Importance of pastures in present day agriculture and management for greatest economic returns.

AY. 452.—Experimental Methods in Agronomy. 2 hours, and 2 hours laboratory. 3 credits. Offered 1.

Introduction to methods employed in field plots, greenhouse and laboratory in crop experimentation. Study of research projects, collection and analysis of experimental data.

AY. 492.—Agronomy Seminar. 1 hour. 1 credit. Offered 1.

Assigned readings, reports and discussions of current developments in the field of plant science.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

GRADUATE COURSES

Prerequisites: A Bachelor of Science degree or the equivalent. The student must have completed such undergraduate courses in agronomy, biology, botany, chemistry, soils or other fields, deemed necessary for the pursuit of his graduate program.

AY. 526.—Special Agronomic Problems. Variable credit. Offered 1, 2, 3.

Library, laboratory, or field studies relating to crop production and improvement. Experiments are studied, publications reviewed and written reports developed.

AY. 527.—Special Problems in Genetics and Cytogenetics. 2 to 6 credits. Offered 1, 2, 3.

AY. 528.—Special Problems in Experimental Designs. 2 to 6 credits. Offered 1, 2, 3.

AY. 535.—Crop Ecology. 2 hours, and 3 hours laboratory. 3 credits. Offered 1.

Effect of soil, moisture, temperature, and other environmental factors on crop plants, and the ecological distribution of agronomic crops.

AY. 541.—Crop Nutrition. 1 hour, plus 3 hours laboratory. 2 credits. Prerequisites: Analytical and Organic Chemistry, Plant Physiology, Soil Fertility, and consent of instructor. Offered 2.

Recent advances in inorganic nutrition of crop plants, chemical composition and diagnostic techniques.

AY. 550.—Research Methods. 2 hours, and 3 hours laboratory. 3 credits. Offered 1.

Methods employing basic concepts in scientific experimentation, including analysis and presentation of data from field plot, greenhouse and laboratory experiments.

AY. 551.—Design of Experiments. 1 hour, and 6 hours laboratory. 3 credits. Prerequisite: AY. 452 or equivalent. Offered 2.

Methods employed in designing scientific experiments; randomized blocks, Latin squares, crossover design, lattice designs, factorial treatments and experimental designs; together with statistical methods of interpreting experimental data.

AY. 560.—Cytogenetics. 1 hour, and 3 hours laboratory. 2 credits. Prerequisites: Basic courses in genetics and microtechnique and consent of instructor. Offered 2.

A detailed study of the physical basis of genetic variation with emphasis on the correlation of cytological and genetic concepts.

AY. 562.—Advanced Genetics. 3 hours. 3 credits. Prerequisites: AY 329 or equivalent, and consent of instructor. Offered 2.

An advanced course dealing with genetic concepts, together with their application to breeding procedures.

AY. 570.—Research in Agronomy. Credits to be arranged and approved by the Head of the Department. Offered 1, 2, 3.

Original work on definite problems with crops, genetics, plant breeding, ecology, or experimental methods.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

AY. 592.—Graduate Agronomy Seminar. 1 hour. 1 credit. Offered 2.

Review and discussion of current literature and studies of Agronomic problems relating to crop production, genetics, and plant breeding.

ANIMAL HUSBANDRY

Instructional Staff 1950-51

Cunha, T. J., Davis, G. K., Folks, S. J., Glasscock, R. S., Pace, J. E., Pearson, A. M., Wallace, H. D.

AL. 309.—General Animal Husbandry. 3 hours. 3 credits. Offered 1, 2, 3.

Types and breeds of farm animals; market classification; selection and management.

AL. 312.—Feeds and Feeding. 3 hours and 2 hours laboratory. 4 credits. Prerequisites: CY. 101-102 and a course in organic chemistry. Offered 2.

Composition of plants and animals; feeding standards and rations for farm animals and poultry.

AL. 314.—Livestock Judging. 1 hour and 4 hours laboratory. 3 credits. Prerequisite: AL. 309. Offered 1.

Special training in livestock judging; presentation of reasons, show ring procedure, identification and names of parts of animals.

AL. 322.—Animal Breeding. 3 hours. 3 credits. Prerequisites: AL. 309, BLY. 161-162. Offered 2.

Principles of breeding and genetics applied to animals; pedigrees, records, and breed history.

AL. 411.—Beef Production. 2 hours, and 2 hours laboratory. 3 credits. Prerequisite: AL. 312. Offered 2.

Beef cattle production and management.

AL. 413.—Swine Production. 2 hours, and 2 hours laboratory. 3 credits. Prerequisite: AL. 312. Offered 1, 3.

Selection, feeding and management of hogs; forage crops and grazing; disease and parasite control.

AL. 414.—Sheep Production. 1 hour. 1 credit. Prerequisite: AL. 312. Offered 2.

Sheep production and management in Florida and the United States, marketing and wool grading.

AL. 415.—Meats and Meat Products. 1 hour, and 4 hours laboratory. 3 credits. Offered 1.

Slaughtering, cutting, curing and processing meat.

AL. 419.—Horse Husbandry. 1 hour. 1 credit. Prerequisite: AL. 312. Offered 2.

Horse and mule production. General management of horses and their use on the farm and range.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

AL. 421.—Seminar. 1 hour. 1 credit. Prerequisite: Senior classification. Offered 1.

Preparation and presentation of papers on an approved subject of major interest.

AL. 425.—Advanced Livestock Judging. 6 hours laboratory. 3 credits. Prerequisite: AL. 314. Offered 2.

Study in breeds, selection for breeding, fitting and showing.

AL. 426.—Livestock Feeding. 2 hours. 2 credits. Prerequisite: AL. 312. Offered 2.

Nutritive requirements of beef cattle, swine, sheep, and horses with emphasis on meeting these needs in Florida.

AL. 427.—Elementary Nutrition. 3 hours and 2 hours laboratory. 4 credits. Prerequisite: AL. 312. Offered 1, 3.

This course is given as an elective for seniors and for graduate students (formerly AL. 311).

GRADUATE COURSES

Prerequisites: Twenty-four hours of approved undergraduate work in animal husbandry, CY. 101-102; a course in organic chemistry, and BLY. 161-162.

Experimental problem and thesis are required for an advanced degree with a major in animal husbandry. Consent of instructor must be obtained before enrolling in graduate courses.

AL. 501.—Advanced Animal Production. 3 hours. 3 credits. Prerequisite: Experimental problem in progress.

Reviews and discussions of experimental work and abstracting of scientific articles in connection with problem and thesis.

AL. 503.—Animal Nutrition. 3 hours. 3 credits. Offered 1.

Relative composition of feed; digestion in ruminants; development of feeding standards; protein, energy, vitamins, and mineral elements in nutrition.

AL. 509.—Problems in Nutrition. 1 to 8 credits. Offered 1, 2, 3.

AL. 551.—Advanced Animal Nutrition. 2 to 5 hours. 2 to 5 credits. Offered 2.

Special topics in proteins, carbohydrates, lipids, vitamins and enzymes.

AL. 554.—Vitamins. 2 to 5 hours. 2 to 5 credits.

Historical development, properties, assays, and physiological effects.

AL. 555.—Mineral Nutrition and Metabolism. 2 to 5 hours. 2 to 5 credits. Offered 1.

Physiological effects of macro and micro elements, mineral interrelationships.

AL. 556.—Advanced Methods in Nutrition Technology. 3 hours. 3 credits. Offered 2.

This course is for graduate students but open to seniors by special permission.

Demonstration and limited performance of procedures used in nutrition research.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

AL. 560.—Special Topics in Animal Nutrition. 1 hour. 1 credit. Offered 1, 2.

This course is for graduate students but open to seniors by special permission.

AL. 570.—Research in Animal Husbandry. 1 to 6 credits. Offered 1, 2, 3.

Experimental problem and thesis in various phases of Animal Husbandry.

ANTHROPOLOGY

Instructional Staff 1950-51

Maclachlan, J. M., Head; Goggin, J. M.

APY. 336.—General Anthropology. 3 hours. 3 credits. Offered 1.

The field of Anthropology. Man's place in nature, his biological entity and relation to other living organisms. Fossil man analyzed. The development of human and humanoid types. A descriptive study of the physical characteristics and differences of the major racial groups. Archeological evidences of man's cultural development. Cultural sketches of five primitive groups, the Tasmanian, the Haida, the Hopi, the Aztec, and the Dahomey.

APY. 337.—General Anthropology. 3 hours. 3 credits. Offered 2.

A survey of cultural anthropology. The nature of culture, of culture patterns, processes, cultural change and of cultural factors in individual motivation. The content of cultures: language, subsistence patterns, economic structures, social groupings, government, art, literature, mythology, folklore, and religion in primitive societies. Culture and the individual.

APY. 400.—Field Session in Archeology. 6 hours. 6 credits. Prerequisite: APY. 336 or consent of adviser. Not offered 1951-52.

Excavation of archeological sites, recording of data, laboratory handling and analysis of specimens, and study of the theoretical culture principles which underlie field methods and artifact analysis. Two hours of lectures and discussion, four hours of supervised laboratory and field work.

APY. 401.—Principles of Archeology. 3 hours. 3 credits. Offered 1.

The viewpoint and methods of archeology, with emphasis upon the New World. Techniques involved in the discovery and preservation of archeological materials. The archeological survey as a unit of research. Methods and techniques of excavation. Chronology, and a survey of alternative and supplementary techniques of dating. The interpretation of findings. The relation of archeological findings and generalizations to modern society.

APY. 402.—North American Archeology. 3 hours. 3 credits. Offered 2. Prerequisite: APY. 401 or consent of adviser.

The existing archeological materials relating to prehistorical North American cultures. The origins of the North American Indian. Analysis of the Bering Strait theory and the South Pacific theory. Arts and industries in prehistoric North America. Stone work, pottery, shell and bone work, metal work, fabrics and textiles, with attention to patterns of diffusion and invention. The archeological Southwest, eastern North American, the Pacific Slope, the far Northwest.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

APY. 403.—Culture and Personality. 3 hours. 3 credits. Prerequisite: APY. 337 or consent of adviser. Offered 1, 3.

Biological factors in human inheritance. The patterned cultural factors of human behavior. The individual culture, and society. Concepts of culture. Social structures and social participation. Personality as viewed anthropologically. Unpatterned cultural factors of personality: the influence of traumatic factors in personality development, as exemplified primarily in tribal societies.

APY. 404.—Social Organization. 3 hours. 3 credits. Offered 2, 3.

Social groups and structures: status groups, related to location, kinship, and dual divisions; functional groups, related to age, generation, sex groups, phratries and moieties, property groups, etc. The social institutions as status and functional groups; marriage forms, family systems, kinship usages. Social status patterns. Property concepts, forms and complexes. Tribal patterns of government and social control.

APY. 430.—Individual Work. 3 hours. 3 credits. Offered 1, 2, 3.

APY. 438.—The North American Indian. 3 hours. 3 credits. Prerequisite: APY. 337 or consent of adviser. Offered 1.

The peopling of North America: early cultures considered, including the Sandia, the Folsom, and the Cochise. Archeological backgrounds of North American ethnology. The culture areas of North America, with study of eleven major culture areas, the unique characteristics, institutions and problems of the peoples. The Indian and the European: the effect of the advancing frontier upon Indian cultures, the present status and prospects of the Indian cultures.

APY. 439.—The South American Indian. 3 hours. 3 credits. Prerequisite: APY. 337 or consent of adviser. Offered 2.

The settlement of middle and South America. A study of representative early cultures, including Lagoa Santo Man, early Patagonian groups, early coastal Peruvian culture The major culture areas of South America, with emphasis on the Chibcha, the Inca, the Guanaco, the Amazon and Antilles, with attention to culture forms and problems. The impact of European invasion; the Indian in colonial days. The present status and prospects of the Indian groups.

ARCHITECTURE

Instructional Staff 1950-51

Grand, J. L. R., Head; Arnett, W. T., Bau, Daniel, Borrell, E. H., Carter, Sydney, Chotas, N. E., Eaton, W. B., Fearney, E. M., Heck, R. W., Johnson, M. H., Kelley, F. M., Koruturk, S. S., Larrick, T., Lindsey, H. L., McPheeters, E. K., McVoy, J. D., Millican, G. C., Pullara, A. L., Reeves, F. B., Rose', H. C., Smith, M. H., Torraca, P. M., Wilkins, W. W.

GENERAL COURSES

AE. 101.—The Arts of Design. 3 hours. 3 credits. Offered 1, 2, 3.

A survey to provide an insight into the several fields of design, and a basis for the selection of a career in the arts of design. A study of social and economic influences and the universal principles in the visual arts.

AE. 102.—Vision and Graphics. 9 hours studio a week. 3 credits. Offered 1, 2, 3.

The elements of visual design, each examined in the light of principles. An elementary and analytical course in observation, and the representation of three dimensional objects in two dimensions.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

AE. 203.—Basic Design. 9 hours studio a week. 3 credits. Offered 1, 2, 3.

The basic influence which natural and social environment, materials, and psychological and physical functions exert in man's development of shelter.

AE. 204.—Organic Planning. 9 hours studio a week. 3 credits. Offered 1, 2, 3.

Projects in design. Analysis and synthesis; methodology of planning. Elementary exercises in the integration of all design considerations. Symbols and techniques of representation.

AE. 205.—Building Technology. 2 hours lecture-discussion, 4 hours laboratory. 4 credits. The first half of the course AE. 205-206. Offered 1, 2, 3.

The functional and structural approach to the design and construction of buildings. This course includes the elements of structures, the nature of building materials, loads and forces, service elements and surveying.

AE. 206.—Building Technology. 2 hours lecture-discussion, 4 hours laboratory. 4 credits. The second half of the course AE. 205-206. Offered 1, 2, 3.

Prerequisite: AE. 205, C-42 or MS. 325, and prerequisite or corequisite C-22.

The frames of structures, the loads on building frames, the mechanics of building loads, elements of heating, wiring and plumbing, and the responsibilities of architects and builders.

UPPER DIVISION COURSES

AE. 301-302-303-304-305.—Projects in Architecture, Group 1. 3 hours conference, 30 hours studio work. 3 credits each; group total, 15 credits. Prerequisite: Completion of Lower Division program in Architecture or equivalent. This series of courses constitutes the beginning work in the Upper Division. Offered 1, 2, 3.

The planning and design of buildings of the type encountered in contemporary practice and a study of the architectural and structural problems involved. Criticisms are given individually, and the solutions are in the form of preliminary studies, plastic models, drawings, computations, and research reports.

DESIGN: Architectural design with emphasis on the creation of buildings to meet the requirements of use; research; aesthetic, functional, and structural analysis; preliminary studies; models; and design drawings.

DELINEATION: Delineation of architectural subjects. Pencil technique; value, form, and composition; color theory; perspective.

HISTORY: A study of the architecture of the various cultures from primitive times through the Roman period along with Islamic and Pre-Columbian architecture.

CONSTRUCTION: Study of materials used in the construction of buildings; selection and use of materials; methods of construction.

STRUCTURES: Structural design as a correlated part of the planning and design of buildings; strength of materials; theories of flexure, shear and deflection; design of wood and steel framing.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

AE. 306-307-308-309-310.—Projects in Architecture, Group 2. 3 hours conference, 30 hours studio work. 3 credits each; group total, 15 credits. This series of courses is a continuation of the work of the series AE. 301-302-303-304-305. Offered 1, 2, 3.

DESIGN: Design of buildings with more complex practical requirements; continuation of research; aesthetic, functional, and structural analysis; preliminary studies and design drawings. Emphasis on relation in architecture, group planning, and a study of external factors affecting the design of buildings.

DELINEATION: Pen-and-ink and watercolor techniques; color theory; tree studies; and landscape painting.

HISTORY: Continuation of the study of the art of building from the Early Christian through the Baroque periods.

CONSTRUCTION: Continuation of the study of materials and methods of construction; development of construction details and working drawings.

STRUCTURES: Structural design of steel framing; analysis of connections; elements of graphic statics; design of wood and steel roof trusses.

AE. 401-402-403-404-405.—Projects in Architecture, Group 3. 3 hours conference, 30 hours studio work. 3 credits each; group total, 15 credits. This series of courses is a continuation of the work of the series AE. 306-307-308-309-310. Offered 1, 2, 3.

DESIGN: Design of buildings with complex technical requirements. A further development of the method of study of architectural projects with increasing emphasis on economic and social problems. Individual study and group collaboration.

DELINEATION: Delineation of form in architecture in various media; advanced color study; landscape sketching.

HISTORY: Continuation of the study of the development of architecture from the 18th Century to the present, including the influence of the Orient upon the West.

CONSTRUCTION: Continuation of the development of working drawings.

MECHANICAL EQUIPMENT: Plumbing, heating, and electrical design.

STRUCTURES: Introduction to continuity and rigid frame analysis by the moment distribution method; theory of reinforced concrete design; beams and columns by the transformed section method, and use of formulas, diagrams, and tables.

AE. 406-407-408-409-410.—Projects in Architecture, Group 4. 3 hours conference, 30 hours studio work. 3 credits each; group total, 15 credits. This series of courses is a continuation of the work of the series AE. 401-402-403-404-405. Offered 1, 2, 3.

DESIGN: Design of buildings with complex practical and technical requirements. Individual study and group collaboration.

CONSTRUCTION: Continuation of the development of working drawings; specifications and estimating.

MECHANICAL EQUIPMENT: Development of layouts and working drawings for mechanical equipment.

STRUCTURES: Design of reinforced concrete slabs, joists, beams, girders, columns, foundations and footings; framing tall buildings; structural plans, drawings, details, and schedules.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

AE. 441-442-443-444-445.—Projects in Architecture, Group 5. 3 hours conference, 30 hours studio work. 3 credits each; group total, 15 credits. This series of courses is a continuation of the work of the series AE. 401-402-403-404-405. Offered 1, 2, 3.

DESIGN: Design of buildings or building groups. Collaborative work: Emphasis on integration of the architectural, structural, and mechanical design of buildings, and the development of working drawings, details, schedules, and specifications of a building as executed in an architectural office.

PROFESSIONAL RELATIONS: Job and office administration; professional ethics and client relations; supervision; building codes and law; the practice of architecture.

STRUCTURES: Miscellaneous structural problems; comparative design; and economy in design.

AE. 446-447-448-449-450.—Thesis in Architecture. 1 hour conference, 35 hours research and studio work. 3 credits each; group total, 15 credits. This series of courses is a continuation of the work of the series AE. 441-442-443-444-445. Offered 1, 2, 3.

An individual study based on a program submitted by the student and approved by the faculty. The presentation will be determined by the nature of the thesis.

AE. 456-457-458-459-460.—Thesis in Planning. 1 hour conference, 35 hours research and studio work. 3 credits each; group total, 15 credits. Prerequisite: Permission of the faculty. This series of courses is a continuation of the series AE. 441-442-443-444-445. Offered 1, 2, 3.

A comprehensive project in community planning based on a program submitted by the student and approved by the faculty. Research into the social, economic, and physical structure of an existing community, and the preparation of a preliminary plan for its development.

GRADUATE COURSES

AE. 501.—Architectural Design. Variable credit. The first half of the course AE. 501-502. Prerequisites: Bachelor's degree in Architecture and AE. 416 or equivalent. Offered 1, 2, 3.

Research on a special phase of architectural design, selected by the student with the approval of the faculty.

AE. 502.—Architectural Design. Variable credit. The second half of the course AE. 501-502. Offered 1, 2, 3.

AE. 503.—Architectural Research. Variable credit. The first half of the course AE. 503-504. Prerequisite: Bachelor's degree in Architecture. Offered 1, 2, 3.

Detailed investigation of a selected problem for the purpose of providing insight and understanding in some field of fundamental importance in architecture.

AE. 504.—Architectural Research. Variable credit. The second half of the course AE. 503-504. Offered 1, 2, 3.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

AE. 505.—Community Planning. Variable credit. The first half of the course AE. 505-506. Prerequisites: Bachelor's degree in Architecture, AE. 457 or equivalent, and permission of the faculty. Offered 1, 2, 3.

The analysis and solution of an advanced problem in community planning, selected by the student with the approval of the faculty.

AE. 506.—Community Planning. Variable credit. The second half of the course AE. 505-506. Offered 1, 2, 3.

AE. 551.—Building Construction. Variable credit. The first half of the course AE. 551-552. Prerequisite: Bachelor's degree in Architecture or in Building Construction. Offered 1, 2, 3.

Advanced study of a problem in materials or methods of building construction selected by the student with the approval of the faculty.

AE. 552.—Building Construction. Variable credit. The second half of the course AE. 551-552. Offered 1, 2, 3.

AE. 553.—Structural Design of Buildings. Variable credit. The first half of the course AE. 553-554. Prerequisite: Bachelor's degree in Architecture or in Building Construction. Offered 1, 2, 3.

Advanced study of a problem in the structural design of buildings, selected by the student with the approval of the faculty.

AE. 554.—Structural Design of Buildings. Variable credit. The second half of the course AE. 553-554. Offered 1, 2, 3.

ART

Instructional Staff 1950-51

Holbrook, H. H., Head; Anderson, E. A., Covington, H. W., McIntosh, P. R., Peabody, K. E., Warren, B. K.

GENERAL COURSES

ART 105.—Art Laboratory. 6 hours of lecture-laboratory. 3 credits. Offered 1, 2.

An opportunity for students in the University College and others to work at various art processes such as painting, modelling, sculpture, and the like. Creative expression rather than technical proficiency will be emphasized. Recommended especially for students in the Humanities.

ART 121.—The Visual Arts. 3 hours. 3 credits. Offered 1, 2.

Introduction to the interrelationship of the visual arts such as painting, sculpture, architecture, commercial art, etc., studied from the standpoint of three controlling forces in art: (1) art as an expression of individual and collective experience; (2) the principles and elements necessary as expression; and (3) the relationship of the medium to the artist's expression.

ART 122.—Materials and Spatial Design. 6 hours of lecture-laboratory. 3 credits. Offered 1, 2, 3.

Organization of three-dimensional forms with various materials to develop a sensitive awareness to form through spatial sensation. Projects in construction, modelling, and carving.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

ART 223.—Color and Design. 6 hours of lecture-laboratory. 3 credits. Offered 1, 2, 3.

The organization of the basic visual elements—line, tone, form, color, and texture —as a means of developing graphic expression. Studies in pictorial design in oil and related media, and analysis of old and modern masters.

ART 224.—Drawing and Visual Perception. 6 hours of lecture-laboratory. 3 credits. Offered 1, 2, 3.

Creative drawing will include the drawing of still life and figure objects observed from the standpoint of form and content.

ART 225.—Scientific Contributions to Art. 6 hours of lecture-laboratory. 3 credits. Offered 1, 2.

The scientific contributions to art. Problems and discussions relative to perspective, color, illumination, media, etc.

ART 226.—Pictorial Composition. 6 hours of lecture-laboratory. 3 credits. Prerequisites: ART 122 and ART 223. Offered 1, 2, 3.

Pictorial composition using the oil medium, employing material studied in ART 122 and ART 223.

UPPER DIVISION COURSES

ART 301.—Design I. 6 hours of lecture-laboratory. 3 credits. Prerequisite: ART 226. Offered 1, 2, 3.

An investigation of color, line, and design, and their relationship to pictorial composition. Problems will be based upon organization of the picture plane and will be developed through the various phases of watercolor techniques as media for visual expression.

ART 302.—Design II. 6 hours of lecture-laboratory. 3 credits. Prerequisite: ART 301. Offered 1, 2, 3.

A continuation of ART 301. Techniques and media other than watercolor. Advanced problems in pictorial organization will be executed in oil paint, encaustic, and egg tempera. The course introduces the student to a range of painting media while he continues his exploration of the potentialities of design.

ART 322.—Sculpture. 6 hours of lecture-laboratory. 3 credits. Prerequisite: ART 122. Offered 1, 2.

For beginners and advanced students. Modelling in clay, plaster casting, and carving in stone or wood. Relief and free standing figure groups.

ART 331.—Clothing Design. 6 hours of lecture-laboratory. 3 credits. Offered 1.

The principles of color, line, and design studied in relation to the individual. A short study of historic costume as source material in contemporary design. An elementary study of textiles and processes in clothing construction covering the making of several types of daytime garments.

ART 332.—Clothing Design. 6 hours of lecture-laboratory. 3 credits. Prerequisite: Art 331. Offered 2.

Development and evaluation of original dress designs. Advanced work in creating original dress designs together with a study of fabrics and related problems in tailoring and draping for the principal figure types.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

ART 341.—Elementary Photography. 6 hours of lecture-laboratory. 3 credits. Prerequisite: C-2. Offered 1.

The fundamentals of cameral equipment, developing and printing, practical lighting (exterior and interior), and practical optics. Elementary composition and picture making. Special training in news photography and use of a Speed-Graphic camera for Journalism students.

ART 342.—Advanced Photography. 6 hours of lecture-laboratory. 3 credits. Prerequisite: ART 341. Offered 2.

Advanced camera operation and composition. Print control and subject matter in photography pertaining to advertising, news and feature work, and the recording of data.

ART 391.—Ancient Art. 2 hours and 2 laboratory hours. 3 credits. Offered 1, 2.

A history of art and architecture from the beginning of civilization to the fall of the Roman Empire. A creative analysis of ancient art will be conducted during laboratory periods.

ART 392.—Medieval Art. 2 hours and 2 laboratory hours. 3 credits. Offered 1, 2.

A study of architecture, sculpture, painting and the minor arts from 300 A. D. to 1400 A. D. A creative analysis of medieval art will be conducted during the laboratory periods.

ART 394.—Modern Man and His Art. 2 hours and 2 laboratory hours. 3 credits. Offered 1.

Orientation to contemporary art. Based on an assumption of meager previous art activity, the demonstrations and illustrated lectures will combine actual creative experiences for the student with an interpretation and explanation of the practical and philosophic significance of the twentieth century art forms.

ART 396.—Latin-American Art. 2 hours. 2 credits. Offered 2.

A general survey of the art of Latin America, beginning with the art of the primitive peoples before the arrival of the Europeans, continuing through the colonial period and concluding with a study of contemporary Latin-American Art.

ART 403.—Design III. 6 hours of lecture-laboratory. 3 credits. Prerequisite: ART 302. Offered 1, 2, 3.

Advanced problems in picture building through a series of projects of increasing difficulty. Abstract and representational interpretations will be executed in a variety of media.

ART 404.—Design IV. 6 hours of lecture-laboratory. 3 credits. Prerequisite: ART 403. Offered 1, 2, 3.

Further experience in the relation of the principles of design to creative expression. Emotional qualities, organization of idea, and communication through visual elements will be emphasized.

ART 493.—Art of the Renaissance. 2 hours and 2 laboratory hours. 3 credits. Offered 1, 2.

Art and architecture from 1400 to the early part of the nineteenth century. A creative analysis of the art of the Renaissance will be conducted during the laboratory periods.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

ART 494.—Modern Art. 2 hours and 2 laboratory hours. 3 credits. No prerequisite. Offered 1, 2, 3.

The history of art from 1850 and the development of art leading to movements such as fauvism, cubism, futurism, expressionism, etc. Emphasis devoted to French and American art. A creative analysis of art since 1850 will be conducted during the laboratory periods.

GRADUATE COURSES

Prerequisites: A candidate for the Master of Fine Arts degree must show proper aptitude and adequate preparation (ordinarily equivalent to an undergraduate major in art).

Properly qualified undergraduates will be admitted to graduate courses with the consent of the Head of the Department and the Dean of the Graduate School.

ART 503.—Art Problems. Variable credit. The first half of the course ART 503-504. Offered 1, 2, 3.

A student will select a specific area in which he wishes to specialize and under the guidance of the instructor will plan and execute a series of projects related to that field. The areas from which selection can be made are Painting, Crafts, and Advertising Design.

ART 504.—Art Problems. Variable credit. The second half of the course ART 503-504. Offered 1, 2, 3.

ART 505.—Art Research. Variable credit. The first half of the course ART 505-506. Offered 1, 2, 3.

An opportunity for the advanced student to do research in native materials or native art forms that may be used as source materials, or an opportunity to investigate technical processes that can be adapted to problems of a varied nature.

ART 506.—Art Research. Variable credit. The second half of the course ART 505-506. Offered 1, 2, 3.

ART 509.—Art of the Twentieth Century. Variable credit. Prerequisites: ART 391, ART 392, ART 493, ART 494, or the equivalent. Offered 1, 2, 3.

Individual work with occasional conferences. An analysis of the art movements beginning with Cezanne including Post-Impressionism, the Fauves, Cubism, Expressionism, Futurism, Purism, and other schools, and their relationship to contemporary art expression.

ASTRONOMY

Instructional Staff 1950-51

Simpson, T. M., Head; Cowan, R. W., and Morelock, J. C.

ATY. 141.—Descriptive Astronomy. 3 hours. 3 credits. Not open to students who have had any other astronomy course. Offered 1, 3.

Concepts useful for the appreciation of the universe about us. Telling time by the stars; getting acquainted with constellations; variable and double stars; planets and meteors. Selected experiments with occasional observation periods.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

ATY. 301.—Navigation and Nautical Astronomy. 3 hours. 3 credits. Prerequisite: A knowledge of elementary trigonometry and logarithms. Offered 1.

The geographical and astronomical principles and practices involved in determination of position at sea and in the air and in the guidance of marine and air-craft. Instruments of navigation and their use.

ATY. 305.—Marine Navigation. 3 hours. 3 credits. Prerequisite: A knowledge of elementary trigonometry and logarithms. The first half of the course ATY. 305-306. Offered 2.

An intensive course utilizing the same instructional procedures and covering the same topics as are involved in the instruction of midshipmen in the U. S. Naval Reserve and at the U. S. Naval Academy. Topics studied include charts, the compass, dead reckoning, piloting, nautical astronomy, celestial navigation, navigational instruments, the navigator's work at sea. Much practical work is involved.

ATY. 306.—Marine Navigation. 3 hours. 3 credits. Prerequisite: ATY. 305. The second half of the course ATY. 305-306. Offered 1.

ATY. 405.—General Astronomy. 3 hours. 3 credits. Prerequisite: MS. 105 or its equivalent. Offered 1.

A survey of the astronomical universe; the earth as an astronomical body; the solar system, including a special study of the sun and moon. Occasional observation periods.

ATY. 406.—Advanced General Astronomy. 3 hours and 2 hours laboratory. 4 credits. Prerequisite: ATY. 405. Offered 2.

Considerations of the planets as to distances, orbits, diameters, masses, rotations, and satellite systems; an introduction to astrophysics.

BACTERIOLOGY

Instructional Staff 1950-51

Tisdale, W. B., Chairman, Division of Botany; Carroll, W. R., Emerson, R. L., Novak, A. F.

BCY. 301.—General Bacteriology. 2 hours, and 4 hours laboratory. 4 credits. Prerequisites: C-6, or equivalent; CY. 101-102, or ACY. 125-126. BCY. 301 or equivalent is prerequisite to all advanced courses. Offered 1, 2, 3.

Morphology, physiology and cultivation of bacteria and related microorganisms. Frobisher, *Fundamentals of Bacteriology, 3d Ed.*

BCY. 302.—Agricultural Bacteriology. 2 hours, and 4 hours laboratory. 4 credits.

Bacteria and associated microorganisms in relation to water, milk, silage and farm problems.

BCY. 304.—Pathogenic Bacteriology. 2 hours, and 4 hours laboratory. 4 credits. Offered 2.

Recognition, culture, and special laboratory technique of handling pathogens and viruses; theories and principles of immunity and infection. Jordan & Burrows; *Text of Bacteriology. 13th Ed.*

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

BCY. 306.—Bacteriology of Foods. 2 hours, and 4 hours laboratory. 4 credits. Offered 1.

Relation of bacteria yeast, molds and other microorganisms to preservation and spoilage of foods. Tanner, *Microbiology of Foods, 2d Ed.*

BCY. 308.—Sanitary Laboratory Practice. Offered 1. 1 hour and 4 hours laboratory. 3 credits. Corequisite: CY. 215.

Problems in sewage and public sanitation, designed primarily for sanitary engineers. American Public Health Association and American Water Works Association, Standard Methods for Examination of Water and Sewage, and Gainey, *Microbiology of Water and Sewage.*

BCY. 401.—Advanced Bacteriological Technique. 2 hours, and 4 hours laboratory. 4 credits. Offered 2.

The history of the development and uses of various bacteriological and serological techniques used in diagnosis, examination of various products of food, water, milk, but not covered in other formal course offerings.

BCY. 402.—Dairy Bacteriology. 2 hours, and 4 hours laboratory. 4 credits. Offered 2.

Bacteria and related microorganisms encountered in milk and dairy products; milk spoilage, milk fermentation; bacteriology of butter, ice cream, cheese; standard methods of milk analysis and dairy inspection. Hammer, *Dairy Bacteriology.*

BCY. 403.—Epidemiology. 2 hours, and 3 hours reading and problem work. 3 credits.

History, spread and means of control of communicable diseases.

BCY. 404.—Filterable Viruses and Associated Organisms. 1 hour, and 4 hours laboratory. 3 credits.

The nature and study of the activity of viruses, bacteriophage and rickettsial parasites of man, lower animals and plants.

BCY. 405.—Veterinary Bacteriology and Immunology. 2 hours, and 4 hours laboratory. 4 credits. Offered 1.

Cause, means of spread and control of the diseases of farm and related wild animals. Gives techniques for isolation and identification of causal agents of disease, methods of immunization and diagnostic tests. Special consideration given to diseases peculiar to the Southeastern U. S.

BCY. 411.—Principles and Practices of Immunology. 2 hours, and 4 hours laboratory. 4 credits.

Preparation and therapeutic uses of biologicals from a bacteriological standpoint; diagnostic tests. Sherwood, *Immunity, 2d Ed.*

BCY. 412.—Industrial Bacteriology. 2 hours, and 4 hours laboratory. 4 credits. Offered 2.

Principles and problems in industrial bacteriology; isolation, cultivation and classifications of organisms concerned. Prescott & Dunn, *Industrial Microbiology.*

BCY. 413.—Physiology of Bacteria. 2 hours, and 4 hours laboratory. 4 credits. Offered 1.

Chemistry and physiology of bacteria and related microorganisms; the influence of environment on bacterial metabolism, growth and reproduction.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

BCY. 440.—Special Bacteriology and Sanitation. 2 hours, and 4 hours laboratory. 4 credits. Offered 2.

Algae and related organisms (Limnology), protozoan disease agents, virus disease agents and bacteriological pollution. Emphasis is placed on means of spread and prevention of each disease—mosquito, fly, flea, louse and tick abatement.

BCY. 441.—Taxonomic Bacteriology. 6 hours laboratory. 3 credits. Prerequisites: 16 hours of bacteriology, 8 hours of chemistry. Offered 3.

Techniques used to determine the morphological, physiological, cultural and immunological characteristics necessary for the identification of bacteria, yeasts, molds and actinomycetes. Bergey, *Manual of Determinative Bacteriology, 6th Ed.*

GRADUATE COURSES

Prerequisites:

1. Bachelor's degree
2. At least twenty semester hours in bacteriology.

BCY. 500.—Advanced Bacteriology. 2 hours laboratory and library work for each credit. 4 to 8 credits allowed per semester. Prerequisites: 2 undergraduate courses in bacteriology. Offered 1, 2, 3.

Problems in Pathogenic, Dairy, Sanitary, Industrial, Food and Soil Bacteriology. Open to seniors and graduate students as major or minor material.

BCY. 555.—Seminar. 1 credit. Offered 1, 2, 3.

Discussion and reading assignments in bacteriological literature.

BCY. 570.—Research in Bacteriology. 2 hours work per week required for each credit, variable credit. Prerequisite: BCY. 500. Offered 1, 2, 3.

A study of methods and their application in research problems in different fields of Bacteriology. Required of graduate majors.

Courses in Bacteriology listed below are taught in the Bureau of Laboratories, State Board of Health, Jacksonville, under the direction of Dr. Albert V. Hardy and Staff. They are open only to qualified Board of Health workers approved by the staff of the State Board of Health.

BCY. 600.—Infectious Diseases. 1 to 6 semester hours.

Public health aspects of bacteriology and parasitology. This includes the etiology, epidemiology, immunology and laboratory diagnosis of: enteric pathogenic bacteria and animal parasites, diphtheria, vincent's angina, streptococcic disease, tuberculosis, mycotic infections, Treponema pallidum, gonococcus, meningococcus, brucellosis, tularemia, typhus, malaria, virus and rickettsial diseases, etc. Consideration of water, milk, meats and foods in relation to infectious diseases will be included.

BCY. 610.—Immunology, Advanced. 1 to 6 semester hours.

Principles underlying the phenomenon of immunity and their application to public health measures in practical utilization in the prevention and study of such diseases as: typhoid, brucellosis, tularemia, typhus, infectious mononucleosis, tuberculosis, scarlet fever, diphtheria, malaria, ambeiasis, etc. Opportunities are offered for study and training in the manufacture of biologic products, for work in blood grouping, RH factor work, immuno-chemistry procedures, etc. The theoretical and practical aspects of the accepted standard serodiagnostic tests for syphillis, i. e., Kahn, Eagle, Mazzini and Kolmer tests are considered. The relation of laboratory methods to epidemiological studies and to programs of control receive special consideration.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

BCY. 620.—Laboratory Administration. 1 to 6 semester hours.

Primarily for those students who desire permanent positions with the Bureau of Laboratories, Florida State Board of Health. It is particularly important for those working toward the senior positions as directors of branch laboratories or of sections in the branch and central laboratories. The students will participate in all phases of the routine administrative work of a public health laboratory, i. e. preparation of reports, filing of records, purchasing of supplies, general laboratory management, etc.

BCY. 690.—Research. 1 to 6 semester hours.

Advances in the field of public health laboratory investigation. Opportunities will be offered to do original research, under the supervision of the staff, on one of the public health problems of Florida. Field studies will be combined with laboratory investigations.

BIOLOGY

Instructional Staff 1950-51

Allee, W. C., Head; Berner, L., Brodkorb, P., Byers, C. F., Carr, A. F., Dickinson, J. C., Goin, C. J., Grobman, A. B., Jones, E. R., Kilby, J. D., Laessle, A. M., Leavitt, B. B., Odum, H. T., Oliver, J. A., Pierce, E. L., Sherman, H. B., Wallace, H. K., Westfall, M. J.

Students planning to major in biology should, if possible, arrange to take C-6 during the freshman year. All students in the College of Arts and Sciences who major in biology will take BLY. 161, 162, 208, 209, 210, and 325. Any exceptions to the above regulations will require the approval of the Head of the Department.

Students who expect to present biology as a part of a group major must have the approval of the department for the combination of courses taken in biology.

The minimum pre-medical requirement in biology may be satisfied by C-6, BLY. 161, 162 and 209. In addition, BLY. 210, 208 and 325 are strongly advised and one or more of these are required by certain medical schools.

Courses marked (**) are "service courses" offered by the Department of Biology for the special needs of various groups of students. These courses do not give credit toward a major or group major in the College of Arts and Sciences except by the specific permission of the Head of the Department.

****BLY. 133.—Common Animals and Plants of Florida.** 1 hour, and 6 hours laboratory or field work. 3 credits. Offered 3.

Designed to provide a recognition of and an acquaintance with some of the more common animals and plants of Florida. Especially planned to prepare teachers to answer the question, "What animal—or what plant—is that?" Individual work in the field and the making of a personal reference collection of plants and animals is encouraged.

****BLY. 134.—The Life of the Inland Waters of Florida.** 1 hour, and 6 hours laboratory or field work. 3 credits. Offered 3.

A companion course to BLY. 133 but concerned with the common plants and animal life of our streams, pools, ponds, lakes and marshes. Particular attention is given to obtaining an acquaintance with those species and groups of organisms that comprise the more important, more conspicuous, and more interesting members of Florida's rich aquatic biota. Laboratory demonstrations, field trips and individual projects will form an important part of this course.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

****BLY. 135.—Birds of Florida.** 1 hour, and 6 hours laboratory or field work. 3 credits.

Designed to acquaint students with the bird life of Florida. Particular attention is given to the recognition and identification of the local fauna.

BLY. 161.—Biology Laboratory. 6 hours laboratory. 2 credits. Prerequisite or corequisite: C-61. Offered 1, 2, 3.

An introductory laboratory course dealing with cells, the mammalian anatomy, the major groups of plants, methods of reproduction and germ cell formation.

BLY. 162.—Biology Laboratory. 6 hours laboratory. 2 credits. Prerequisite or corequisite: C-62. Offered 1, 2, 3.

An introductory laboratory course dealing with genetics, homology, embryology, evolution, taxonomy and ecology.

BLY. 161 and 162 are prerequisites for most of the other courses in this Department.

BLY. 207.—Vertebrate Natural History. 2 hours, and 6 hours laboratory. 4 credits. Prerequisite: BLY. 161-162. Offered 2.

An introduction to the classification and natural history of the vertebrates.

BLY. 208.—Invertebrate Zoology. 2 hours, and 6 hours laboratory. 4 credits. Prerequisite: BLY. 161-162. Offered 1, 3.

BLY. 209.—Comparative Vertebrate Anatomy. 2 hours, and 6 hours laboratory. 4 credits. Prerequisite: BLY. 161-162. Offered 1, 3.

BLY. 210.—Vertebrate Embryology. 2 hours, and 6 hours laboratory. 4 credits. Prerequisite: BLY. 209. Offered 2.

****BLY. 215.—Biological Laboratory Technique for Teachers.** 2 hours and 3 hours laboratory. 3 credits. Prerequisite: BLY. 161-162. Offered 3.

Designed to provide prospective instructors at the high school level with a sound background in biology and information regarding methods of preparation of material and sources of supply for the high school course.

BLY. 220.—Evolution To-day. 2 hours. 2 credits. Prerequisite: C-6. Offered 2.

Evolutionary theories and their historical development. Available for students in the social sciences and the humanities.

BLY 322.—Readings in the Biological Sciences. 3 hours. 3 credits. Prerequisite: C-6 and consent of instructor. Offered 1.

Readings in selected contributions of biology to human thought and welfare, and their application, both in the sciences and to everyday life. Available for the students in the social sciences and the humanities.

BLY. 325.—Genetics and Speciation. 3 hours. 3 credits. Prerequisite: 161-162. Offered 1, 3.

An introduction to the data and methods of genetics with special reference to their bearing on the problems of speciation and organic evolution.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

BLY. 362.—Insect Biology. 2 hours, and 6 hours laboratory or field work. 4 credits. Prerequisite: BLY. 161-162. Offered 2.

The morphology, classification and natural history of insects, with special emphasis on the local fauna.

BLY. 373.—General Animal Physiology. 2 hours, and 6 hours laboratory. 4 credits. Prerequisite: BLY. 161-162. Graduate credit.

An introduction to the general and comparative physiology of animals.

BLY. 401.—Ichthyology. 1 hour, and 6 hours laboratory and field work. 3 credits. Prerequisite: BLY. 161-162. Offered 1.

An introduction to the biology of fishes. Designed to provide a knowledge of the morphology, taxonomy, life history, geographic distribution and evolution of the fishes with special reference to the fresh water fishes of Florida.

BLY. 404.—Herpetology. 1 hour and 6 hours laboratory and field work. 3 credits. Prerequisite: BLY. 161-162. Offered 2, 3.

An introduction to the biology of the amphibians and reptiles. Designed to provide a knowledge of the morphology, taxonomy, life history, geographic distribution and evolution of the amphibians and reptiles, with special reference to the Florida forms.

BLY. 410.—Mammalian Anatomy and Physiology. 2 hours, and 6 hours laboratory. 4 credits. Prerequisite: BLY. 209. Offered 2.

Lectures on the physiology and anatomy of the mammalian body supplemented by individual dissections of the cat.

BLY. 411.—Individual Problems in Animal Biology. 2, 3, or 4 credits. For undergraduates only. This course may not be offered as part of the minimum 24 hours required for the major: Prerequisites: At least fourteen hours in approved major courses in biology. Offered 1, 2, 3.

Qualified students and the instructor concerned may choose a particular topic or problem for study.

BLY. 415.—Mammalogy. 1 hour, and 6 hours laboratory or field work. 3 credits. Prerequisite: BLY. 161-162. Offered 1.

An introduction to the biology of mammals, dealing with the morphology, taxonomy and distribution of mammals of the world, with special emphasis on the natural history of those of the southeastern states.

BLY. 416.—Animal Parasitology. 3 hours, and 3 hours laboratory. 4 credits. Prerequisites: BLY. 208-209. Offered 2. Graduate credit.

The animal organisms, especially the Protozoa and worms, that cause disease in man and the higher vertebrates.

BLY. 420.—Ornithology. 1 hour, and 6 hours laboratory or field work. 3 credits. Prerequisite: BLY. 161-162. Offered 2.

An introduction to the biology of birds. Designed to provide some knowledge of the morphology, taxonomy, distribution and adaptations of the birds of the world, with particular emphasis on the local avifauna.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

BLY. 425.—Freshwater Ecology. 2 hours, and 6 hours field or laboratory work. 4 credits. Prerequisite: BLY. 208. Offered 1.

Animal life of northern Florida, with particular reference to the arthropods. An introduction to bio-ecology and field methods. The acquirement of a recognition of the more common terrestrial and aquatic animals is accompanied by field and laboratory work in animal ecology and field biology and by seminar type consideration of ecological principles.

BLY. 426.—Terrestrial Ecology. 2 hours, and 6 hours field or laboratory work. 4 credits. Prerequisite: BLY. 208. Offered 2.

BLY. 431.—Cytology. 2 hours, and 6 hours laboratory. 4 credits. Prerequisite: BLY. 208. Offered 1.

Lectures and laboratory on the general morphology of the cell, with particular reference to animal cells, and including the use of various laboratory methods and techniques for studying cells.

BLY. 432.—Advanced Invertebrate Zoology. 2 hours, and 6 hours laboratory or field work. 4 credits. Prerequisite: BLY. 208. Offered 2. Graduate credit.

An advanced survey of the morphology, developmental stages and classification of the invertebrate phyla.

BLY. 451.—Animal Histology. 2 hours, and 6 hours laboratory. 4 credits. Prerequisite: BLY. 161-162, BLY. 209-210. Offered 2. Graduate credit.

The theory and use of the microscope and various microscopic accessories; the preparation and examination of microscopic materials.

BLY. 455.—Marine Ecology. 2 hours, and 6 hours laboratory. 4 credits. Prerequisites: BLY. 208 and CY. 102. Graduate credit.

A study of marine plants and animals and the physical and chemical character of their environment. Field trips to the coasts are planned to give the student direct contact with marine life.

BLY. 461.—A Survey of the Arthropods, exclusive of insects. 2 hours, and 6 hours laboratory or field work. 4 credits. Prerequisite: BLY. 161-162. Graduate credit.

A course designed to acquaint the student with the principles of arthropod morphology, physiology and taxonomy.

BLY. 481.—Animal Sociology. I. Cooperative Aspects of Group Biology. 3 hours. 3 credits. Offered 1. Prerequisite: Consent of Instructor. Graduate Credit.

A seminar dealing with available evidence concerning non-conscious beginnings of cooperation among animals. This course is designed for advanced undergraduates with excellent records and graduate students in biological sciences, Sociology, Psychology, or closely related fields.

BLY. 482.—Animal Sociology. II. Organization and Leadership. 3 hours. 3 credits. Offered 2. Prerequisites: Consent of instructor. Graduate Credit.

A seminar concerning present knowledge about territory, social hierarchies based on dominance and subordinance, and leadership in groups of animals. For student eligibility see BLY. 481.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

GRADUATE COURSES

The fields of graduate work offered in Biology are determined by the interests of the staff and facilities available. This includes such subjects as ecology, limnology, marine biology, zoogeography, game management, comparative anatomy, embryology, cytology, and histology. Taxonomic groups in which the staff is especially interested are: the lower invertebrates, especially flat worms, spiders, insects, fish, amphibians, reptiles, birds, and mammals. Departmental study collections are maintained of all classes of vertebrates and some groups of invertebrates. Those of the southeastern states and of the Caribbean region are of special interest. Reference collections for food-habit studies are also maintained. A small wooded area at Newnan's Lake, near Gainesville, is restricted for biological investigation. At the University of Florida Conservation Reserve, on the St. Johns River, near Welaka, living quarters, boat-house, and a laboratory with a herbarium are available to qualified graduate students in Biology.

Each student is required to present, before the departmental faculty and graduate students, a discussion of his dissertation during the latter part of his candidacy for a graduate degree.

Prerequisites: Approximately thirty hours of approved undergraduate courses in animal biology, including at least a one-semester course in each of the following: comparative vertebrate morphology, embryology, invertebrate zoology, and genetics. Students not meeting the above requirements will be required to make up any deficiency early in their graduate work.

It is advised that the student have completed twelve hours in one of the allied sciences, such as botany, chemistry, or geology. It is desirable that the student have completed, as an undergraduate, a year's work in botany, chemistry, geology, and physics.

The Department of Biology requires a reading knowledge of one foreign language for the M. S. and a reading knowledge of two foreign languages for the Ph.D. Usually German or French is recommended for the M. S. program, since both are required for the Ph.D.

Of the intermediate courses listed above, the following offer major graduate credit: 416, 425, 426, 431, 432, 451, 455, 461, 481, 482.

BLY. 502.—Statistical Methods for Biologists. 2 hours. 2 credits. Prerequisite: 20 credits in Biology. Offered 2.

BLY. 505.—History of Biology. 2 hours. 2 credits. Prerequisite: An undergraduate major in Biology. Required of all graduate majors in the Department. Offered 1.

BLY. 506.—Biological Literature and Institutions. 2 hours. 2 credits. Required of all graduate majors. Offered 2, 3.

A review of the compendia, journals and bibliographic sources in the various fields of biology, and a survey of the workers, collections, and special fields of research of some of the more important laboratories and museums. Methods used in the preparation of scientific papers for publication are also included. Considerable emphasis will be placed on a study of library methods and the most advantageous use of bibliographic sources.

BLY. 509.—Zoogeography. 2 hours. 2 credits. Offered 1.

Zoogeographic divisions of the world and their characteristic animals; factors influencing the distribution of animals; the relation of geographic races to speciation and evolution.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

BLY. 510.—Advanced Animal Ecology. 2 hours, and 1 or 2 half days of field or laboratory. 3, 4 or 5 credits.

Lectures and discussions on the principles and methods of ecology with special reference to animals; field and laboratory work on the ecological measurements of the physical factors and observations on the biota of representative Florida habitats.

BLY. 522.—Advanced Ornithology. 2 hours and 3 hours laboratory. 3 credits. Prerequisite: BLY. 420. Offered 1.

The taxonomy, morphology, natural history, and distribution of the living families of birds; representative genera and species.

BLY. 533.—Problems and Concepts of Taxonomy and Nomenclature. 2 hours. 2 credits. Offered 1, 3.

A critical study of selected taxonomic synopses, revisions, and monographs with special reference to the bearing of the principles and concepts of distribution, genetics and ecology on taxonomic problems.

BLY. 541.—Wildlife Conservation. Hours and credits to be arranged. Open only to qualified graduate majors in Biology on the approval of the Head of the Department. Ordinarily BLY. 508, 510, and 521 or 522 will be prerequisites. Offered 2.

The application of a taxonomic and ecological background to various specific problems of Florida game and wildlife management.

The following research courses are offered each semester; also each summer when staff is available:

BLY. 543.—Research in Ecology. Hours and credits to be arranged.

BLY. 544.—Research in Fresh Water Biology. Hours and credits to be arranged.

BLY. 545.—Research in Marine Biology. Hours and credits to be arranged.

BLY. 546.—Research in Zoogeography. Hours and credits to be arranged.

BLY. 547.—Research in Game Management. Hours and credits to be arranged.

BLY. 548.—Research in Acoelomate Invertebrates. Hours and credits to be arranged.

BLY. 549.—Research in Coelomate Invertebrates. Hours and credits to be arranged.

BLY. 550.—Research in Parasitology. Hours and credits to be arranged.

BLY. 551.—Research in Arachnology. Hours and credits to be arranged.

BLY. 552.—Research in Insect Biology. Hours and credits to be arranged.

BLY. 553.—Research in Ichthyology. Hours and credits to be arranged.

BLY. 554.—Research in Herpetology. Hours and credits to be arranged.

BLY. 555.—Research in Ornithology. Hours and credits to be arranged.

BLY. 556.—Research in Mammalogy. Hours and credits to be arranged.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

BLY. 557.—Research in Comparative Anatomy. Hours and credits to be arranged.

BLY. 558.—Research in Embryology. Hours and credits to be arranged.

BLY. 559.—Research in Experimental Biology. Hours and credits to be arranged.

BLY. 560.—Research in Cytology. Hours and credits to be arranged.

BLY. 561.—Research in Histology. Hours and credits to be arranged.

BOTANY

Instructional Staff 1950-51

Tisdale, W. B., Chairman, Division of Botany; Cody, M. D., Davis, J. H., Ford, E. S., Powell, R. D., West, Erdman.

BTY. 101.—General Botany. 2 hours, and 2 hours laboratory. 3 credits. Offered 1, 3.

The form, structure, growth, reproduction, and physiology of plants and their various organs, and relation of plants to their environment and to each other.

BTY. 102.—General Botany. 2 hours, and 2 hours laboratory. 3 credits. The second half of course BTY. 101-102. Offered 2.

BTY. 211.—Plant Physiology. 2 hours, and 4 hours laboratory. 4 credits. Prerequisites: BTY. 101 or 102; ACY. 125-126, or equivalent. Desirable prerequisites: SLS. 301, PS. 211, PT. 321. Offered 1, 2, 3.

Absorption, assimilation, transpiration, respiration, growth, water relations and other functions of plants.

BTY. 305.—Plant Kingdom—Lower Plants. 1 hour, and 4 hours laboratory. 3 credits. Prerequisite: BTY. 101-102 or BLY. 161-162. Offered 1.

Biology of algae, fungi, liverworts, and mosses—emphasizing their classification, life histories, and identification of local forms. Fungi are not emphasized because of coverage in other courses.

BTY. 306.—Plant Kingdom—Higher Plants. 1 hour, and 4 hours laboratory. 3 credits. Prerequisite: BTY. 101-102 or BLY. 161-162. Offered 2.

Biology of ferns and seed plants emphasizing their classification and general morphology and identification of their representatives in our flora.

BTY. 400.—Plant Geography. 2 hours, and 2 hours laboratory. 3 credits. Prerequisites: BTY. 101-102, or equivalent. Desirable prerequisites: BTY. 308, and GPY. 203. Offered 2.

Distribution of the types of vegetation and of important kinds of flora throughout the world, with particular emphasis on the Americas. Relations of these to geographical, climatic, soil, and human factors are stressed.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

BTY. 401.—Plant Ecology. 2 hours, and 4 hours laboratory and field work. 4 credits. Prerequisites: BTY. 101-102. Desirable prerequisites: BTY. 306, BTY. 211, SLS. 301 or 302, FY. 311. Offered 1.

Kinds and classification of vegetation, particularly those of Florida, and consideration and measurement of climatic, edaphic, physiographic, and biotic factors and of plant succession.

BTY. 402.—Methods in Plant Ecology. 2 hours, and 4 hours laboratory. 4 credits. Prerequisite: BTY. 401. Offered 2.

The measurement and analysis of environmental factors, and statistical methods of plant communities.

BTY. 407.—Taxonomy of Vascular Plants. 1 hour, and 4 hours laboratory. 3 credits. Prerequisite: BTY. 306. Offered 1.

Characteristics of a large number of plant families; and intensive study of the local species regarding their names and distributions.

BTY. 411.—Intermediate Plant Physiology. 3 hours. 3 credits. Prerequisites: BTY. 211, CY. 262 or permission of the instructor. The first half of BTY. 411-412. Offered 1.

Topics relating to water relations, ionic balance, mineral nutrition and translocation in plants.

BTY. 412.—Intermediate Plant Physiology. 3 hours. 3 credits. Prerequisites: BTY. 411 or permission of the instructor. The second half of BTY. 411-412. Offered 2.

Topics relating to photosynthesis, respiration, metabolism and growth in plants.

BTY. 431.—Plant Histology. 2 hours, and 4 hours laboratory. 4 credits. Prerequisites: BTY. 101-102, or equivalent. Offered 1.

Methods and practice in killing, fixing, sectioning and staining of plant tissues and organs. Assignment of special plant materials. Chamberlain, *Methods in Plant Histology, 5th revised edition.*

BTY. 432.—Plant Anatomy. 2 hours, and 4 hours laboratory. 4 credits. Desirable prerequisite: BTY. 431. Offered 2.

Origin, structure and function of principal tissues and organs of plants. Eames & McDaniels, *Introduction to Plant Anatomy.*

BTY. 450.—Economic Botany. 3 hours. 3 credits. Prerequisites: BTY. 101-102, or equivalent. Offered 3.

The botanical characteristics of most categories of plants of economic importance, stressing their kinship, origin, past and present distribution, and various ways utilized, as timbers, fruits and other foods, fibers, forage, ornamentals, drugs, etc.

BTY. 470.—Undergraduate Research. 2 hours of independent work for each semester credit hour. Credits 1-3 hours. Prerequisite: 14 semester hours of advanced botany and senior standing, and by permission of advisor. Offered 1, 2.

Practice in application of scientific methods to some approved topic in botany, including laboratory and field research; preparation of bibliography and report upon the topic.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

GRADUATE COURSES

Graduate majors in Botany may select subjects for particular study in the following fields of Botany: taxonomy, physiology, ecology and plant geography, and morphology and anatomy. Both courses, BTY. 500 and 570, can be arranged to cover the particular subject of the student's specialty.

Prerequisites: Bachelor's degree and at least 20 semester hours in Botany.

BTY. 500.—Advanced Botany. 8 hours laboratory and field work with some lectures and conferences. 4 credits per semester. Prerequisite: At least one course in the field of the specialty as approved by head of department and instructor. Offered 1, 2.

Lectures, laboratory, and problems in one or more of the fields of botany, taxonomy, physiology, ecology and plant geography, and morphology and anatomy, depending on the requirements of the minor or major student in botany.

BTY. 501.—Vegetation of Florida. 1 hour, and 4 hours laboratory. 3 credits. Prerequisite: BTY. 401. Offered 1, 2, 3.

All types of vegetation in Florida in relation to soils, climate, physiographic and geologic conditions. Also the uses of various types.

BTY. 502.—Ecology of Aquatic Plants. 1 hour, and 4 hours laboratory, 3 credits. Prerequisites: BTY. 101-102 and BTY. 401 or BLY. 510. Offered 2.

Aquatic plant communities of lakes, ponds, rivers and marshes.

BTY. 503.—Vegetational Plant Geography of the Americas. 2 hours, and 4 hours laboratory. 3 credits. Prerequisites: BTY. 400 or BTY. 401. Offered 2.

The major types of vegetation of all regions of the Americas, and some economic conservation aspects of the natural and altered vegetation.

BTY. 504.—Dispersal of Plants. 2 hours, and 4 hours laboratory. 3 credits. Prerequisites: BTY. 400 or BTY. 401.

The effect of geographical and environmental factors on the mode of dispersal of plants.

BTY. 555.—Botany Seminar. 1 hour. 1 credit. Offered 1, 2.

The literature of various fields of botany, bacteriology, and plant pathology, depending on student's major. Required of graduate majors in botany. Offered each semester.

BTY. 570.—Research in Botany. 8 hours laboratory or field work. 4 credits per semester. Prerequisites: BTY. 500 and 555. Offered 1, 2.

Conducting research on assigned problems in one of the fields of botany.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

BUILDING CONSTRUCTION

Instructional Staff 1950-51

Grand, J. L. R., Head; Block, H. H., Boggs, J. P., Dillon, R. M., Flagg, N. B., Papy, W. A., Smith, A. A.

BCN. 301-302-303-304.—Projects in Building Construction, Group 1. 24 hours conference-laboratory per week. 3 credits each; group total, 12 credits. Prerequisite: Completion of Lower Division program in Building Construction or equivalent. Offered 1, 2, 3.

These projects comprise the beginning work in the Upper Division, and include: the study of the various building materials, their nature, history, use, and measurement; an introduction to construction methods, their historical background, and current trends; the presentation of applied structural design by the continuation of work in strength of materials, action of forces, reactions, bending moments, theories of flexure, shear, deflection, and the design of simple structural members; the preparation and interpretation of construction drawings, and the computation of material quantities; the design and installation of plumbing, and the code requirements and trade practices affecting these installations.

BCN. 311-312-313-314.—Projects in Building Construction, Group 2. 24 hours conference-laboratory per week. 3 credits each; group total, 12 credits. Prerequisites: Completion of BCN. 301-302-303-304, or equivalent. Offered 1, 2, 3.

These projects are a continuation of the work in Group 1, and include: a basic study of construction equipment and its adaptation to various uses; theories, and design of structural elements, graphic statics, structural analysis of connections, drawings of assemblies and details; basic design and installation of heating plants; and preparation of quantity surveys and estimates.

BCN. 401-402-403-404.—Projects in Building Construction, Group 3. 24 hours conference-laboratory per week. 3 credits each; group total 12 credits. Prerequisites: Completion of BCN. 311-312-313-314, or equivalent. Offered 1, 2, 3.

These projects are a continuation of the work in Groups 1 and 2, and include: the design or checking of temporary structures, shoring, forms, trestles, and cribbing used for construction purposes; basic design and installation of electrical wiring, fixtures, and equipment; and establishing lines and grades for job layout by use of carpenters level, steel tape, plumb bob, straight edge, and surveyors transit and level.

BCN. 411-412-413-414.—Projects in Building Construction, Group 4. 24 hours conference-laboratory per week. 3 credits each; group total 12 credits. Prerequisites: Completion of BCN. 401-402-403-404, or equivalent. Offered 1, 2, 3.

These projects are a continuation of the work in Groups 1, 2, and 3, and include: professional relations, methods of modern practice, ethics, contracts, specifications, law, and labor relations as affecting the building industry; study of types, uses, and capacity of construction equipment, and possible modification for additional capacity or uses; quantity and cost estimates, and labor and cost analysis; studies of modern heating, ventilating, and air conditioning equipment, with special emphasis on job handling and installation.

These courses will provide for the selection, with faculty counseling, of work directed toward the individual objective of each student in his field of special interest in the building industry.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

BUSINESS EDUCATION

Instructional Staff 1950-51

Moorman, J. H., Head; Braddy, V. L., Crews, J. W., Maxwell, H. C.

Note: These courses do not count as credit in Education.

BEN. 81.—Introductory Typewriting. 4 hours laboratory. 2 credits. Offered 1, 2, 3.

Skill in typewriting is developed through practice upon personal and business problems. It is intended that the student will develop the skill necessary to meet his personal needs in typing.

BEN. 91.—Introductory Shorthand. 4 hours. 3 credits. Offered 1, 2, 3.

The theory of Gregg shorthand is completed, using the functional method approach.

BEN. 181.—Advanced Typewriting. 4 hours laboratory. 2 credits. Prerequisite: BEN. 81 or permission of instructor. Offered 1, 2, 3.

More intensive training in typewriting. An emphasis will be placed on increased speed and special forms, including reports and manuscripts.

BEN. 191.—Shorthand Dictation. 4 hours. 3 credits. Prerequisites: BEN. 81 and BEN. 91, or permission of instructor. Offered 1, 2, 3.

Dictation is developed, with emphasis on both speed and accuracy. There is a continued emphasis on shorthand skills.

BEN. 291.—Shorthand Dictation and Transcription. 4 hours laboratory. 2 credits. Prerequisite: BEN. 191 or permission of instructor. This course is needed for obtaining state certification as a teacher of shorthand. Offered 1, 2, 3.

An advanced course in Gregg shorthand is intended for those who wish to develop a higher degree of skill in taking dictation. Transcription speed from shorthand notes is emphasized.

BEN. 298.—Office Management. 3 hours. 3 credits. Offered 2.

The office practices and procedures of the modern office. Areas covered will include business correspondence, communications, filing information, kinds and uses of office machines, transportation and travel information, summaries and reports, business and office organization, business etiquette and ethics.

BEN. 351.—Office Practice Techniques. 4 hours laboratory. 2 credits. Offered 1.

The principles and techniques of filing and mailing in the modern business office. Through practice, the student will become fully acquainted with the more important principles and processes.

BEN. 352.—Office Machine Techniques. 4 hours laboratory. 2 credits. Prerequisite: BEN. 81 or permission of instructor. Offered 1, 2, 3.

The voice-writing machines, duplicating machines, adding machines and calculating machines are studied, both as to techniques and operation. The student will be given the opportunity to develop skill in the operation of each of these machines.

BEN. 461.—Principles of Business Education. 3 hours. 3 credits. Offered 2, 3.

The purposes, administration, and supervision of business education.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

GRADUATE COURSES

BEN. 552.—Teaching Office Machines. 2 hours lecture and 3 hours laboratory. 3 credits. Prerequisite: BEN. 352 or equivalent. Offered 3.

The functions of machines in offices, the type of machine best fitted to carry out the various functions, and the methods of teaching the operation of machines commonly used in business offices. Instruction in the operation of equipment with which the student is not familiar will be given. Each student will submit a paper based upon his reading in the area.

BEN. 561.—Principles of Business Education. 3 hours. 3 credits. Offered 2, 3.

The principles, purposes and program, of business education are studied in relation to the total secondary school program. Each student will make an intensive study of some area which is of particular interest to him.

BEN. 562.—Teaching Secretarial Studies. 3 hours. 3 credits. Offered 1, 3.

For teachers of business subjects. The curriculum, materials, and methods of teaching secretarial subjects are studied. Each student will make an intensive study in the subject in which he is particularly interested. Whenever possible, the facilities of the P. K. Yonge Laboratory School will be used for the study of problems undertaken.

BEN. 563.—Teaching Bookkeeping and Consumer Business Subjects. 3 hours. 3 credits. Offered 1.

The curriculum, materials, and methods of teaching bookkeeping, economics of business, business law, business arithmetic, economic geography, and business correspondence are studied. Each student will make an intensive study in the area in which he is particularly interested. The P. K. Yonge Laboratory School will be used as a laboratory for the study of the problems undertaken.

BEN. 564.—Materials and Methods of Teaching General Business. 3 hours. 3 credits. Offered 1, 3.

The objectives, content, resource materials, and methods of teaching general business in the junior and senior high schools are studied. Each student will participate in the development of resource units. Consideration will be given to the problem of coordination of general business and social studies.

BEN. 575.—Administration and Supervision of Business Education. 3 hours. 3 credits. Open only to business education teachers with a minimum of one year of teaching experience and approval of the Head of the Department. Offered 3.

Problems and duties of administrators and supervisors of business education are studied. Study is made of departmental organization, rendering services to administrative offices and other school departments. Emphasis will be placed on the duties and responsibilities of the department head and the supervisor at the city or county level.

BEN. 585.—Problems in Business Education. 3 hours. 3 credits. Offered 2, 3.

Areas of interest of students enrolled will be studied intensively. Problems in business education in Florida schools will be emphasized. Each student will prepare a written report of his study.

BEN. 605.—Seminar in Business Education. 3 or 6 hours. 3 or 6 credits. Offered 3.

For advanced graduate students specializing in business education. Intensive study of specific problems of paramount importance in business education.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

BUSINESS ORGANIZATION AND OPERATION

Instructional Staff 1950-51

McFerrin, J. B., Head; Breese, W. E.; Brohm, H. D., Collins, E. C., Crawford, C. M., Crist, G. W., Jr., Dietz, J. W., Emory, C. W., Floyd, J. S., Jr., Gaitanis, L. A., Goodwin, Frank, Hardy, F. K., Hodges, H. G., Hurst, H. C., Luck, T. J., Matthews, C. A., Oliver, Clifton, Jr., Pierce, J. E., Richardson, J. G., Sweeney, V. V., Wyatt, J. W., Yoder, L. C.

Economic Theory (See other Groupings for additional ES. courses)

*ES. 205
*ES. 206
*ES. 208
*ES. 210
*ES. 246
*ES. 310
*ES. 311
*ES. 404
*ES. 407
*ES. 408
*ES. 409
*ES. 468
*ES. 485
*ES. 502
*ES. 505
*ES. 506
*ES. 508
*ES. 509
*ES. 510
*ES. 511
*ES. 537
*ES. 585
*ES. 591
*ES. 592

Banking and Finance

*ES. 321
*ES. 327
BS. 420
*ES. 421
BS. 422
BS. 424
BS. 427
BS. 428
*ES. 429
*ES. 441
*ES. 449
*ES. 477
*ES. 478
BS. 521
*ES. 522
BS. 524
BS. 527
BS. 528
BS. 529
*ES. 577
*ES. 578
*ES. 579

Marketing

BS. 231
BS. 233
BS. 334
BS. 336
*ES. 347
BS. 430
BS. 433
BS. 434
BS. 437
BS. 438
BS. 439
BS. 448
BS. 450
BS. 459
BS. 474
BS. 534
BS. 535

Foreign Trade and Economic Geography

*ES. 296
*ES. 347
*ES. 382
*ES. 441
BS. 448
*ES. 449
*ES. 483
*ES. 543
*ES. 545
****GPY. 381
****GPY. 385
****GPY. 386
****GPY. 486
****GPY. 487
****GPY. 488
****GPY. 489
****GPY. 589

Insurance

BS. 260
BS. 363
BS. 365
BS. 366
BS. 460
BS. 461
BS. 462
BS. 463
BS. 481
BS. 482
BS. 484
BS. 486
BS. 487
*ES. 561

Business Law

BS. 401
BS. 402
BS. 403
***RE. 493
BS. 501

Labor

*ES. 372
BS. 373
BS. 472
*ES. 475
*ES. 476
*ES. 572
BS. 573
*ES. 574

Management

BS. 101
BS. 271
BS. 373
BS. 464
BS. 471
BS. 474
BS. 479
BS. 575
BS. 576

Business Statistics

*ES. 203
*ES. 369
BS. 464
*ES. 466
*ES. 469
*ES. 569
*ES. 570
*ES. 571

Transportation & Public Utilities

*ES. 351
BS. 444
BS. 451
BS. 452
*ES. 453
*ES. 454
BS. 457
*ES. 550
*ES. 551
*ES. 556

*Course descriptions are given under Economics.
**Course descriptions are given under Accounting.
***Course descriptions are given under Real Estate.
****Course descriptions are given under Geography.

See also Accounting
Real Estate

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

Courses numbered 300 and higher are open only to students with junior standing. Note, however, the specific prerequisites for certain courses.

BS. 101.—Introduction to Business. 3 hours. 3 credits. Offered 1, 2.

The nature of the private enterprise system and its relation to the economic organization as a whole—the tools and terminology used in recording, appraising, organizing and controlling business operations. The three major functions of business—finance, production and marketing—are surveyed. Attention is given to significant government-business relationships. May not be taken for upper division credit by students in College of Business Administration.

BS. 204.—Business Ethics. 3 hours. 3 credits. Offered 1, 2, 3.

Ethical standards and theories of right and justice underlying business relations. Stress is laid on problems involving social morality, the profit motive, price policies and unfair competition. Specific codes of ethics are analyzed in order to determine the place of business ethics in American contemporary society.

BS. 231.—Principles of Marketing. 3 hours. 3 credits. Prerequisite: ES. 205-206. Offered 1, 2, 3.

The institutions and methods developed for carrying on trade operations; retail and wholesale agencies; elements of marketing efficiency; the cost of marketing; price maintenance; unfair competition; the relation of the government to marketing.

BS. 233.—Salesmanship. 3 hours. 3 credits. Offered 1, 2, 3.

An introduction to selling. Analysis of types, stages, problems, of psychology of sale situations.

BS. 260.—Fundamentals of Insurance. 3 hours. 3 credits. Offered 1, 2, 3.

The basic fundamentals underlying the business of insurance as a prerequisite for more advanced and detailed work in the subject, designed to serve two distinct needs: (1) to give students of economics and commerce a general knowledge of the subject; and (2) to lay a foundation for the future work of those interested in entering the business.

BS. 271.—Industrial Management. 3 hours. 3 credits. Offered 1, 2, 3.

The basic fundamentals of management underlying the solution of problems of organization and operation of business enterprises. Application of these fundamentals to specific fields of industrial management such as production, material personnel, purchasing, etc.

BS. 334.—Sales Management. 3 hours. 3 credits. Offered 1, 2, 3.

The selection and training of salesmen.

BS. 336.—Credits and Collections. 3 hours. 3 credits. Offered 1, 2, 3.

Retail and mercantile credit; the principles that guide a creditor both in the acceptance of risk and the collections that must follow; credit department operation.

BS. 363.—Life Insurance: Elements. 3 hours. 3 credits. Offered 1, 2, 3.

All types of life insurance, giving a picture of the business as interrelated with our economic world through examination of uses; selection methods; policy provisions and conditions; and carriers. Designed to familiarize the student with the general principles of the business and/or to form a foundation for advanced study.

BS. 365.—Fire Insurance. 3 hours. 3 credits. Offered 1, 3.

The principles and practices of the coverage of losses due to fire; the fire insurance contract; insurable interest; endorsements; settlement and adjustment of losses; coinsurance; non-concurrence; rates; reserves, consequential losses; reinsurance.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

BS. 366.—Casualty Insurance. 3 hours. 3 credits. Prerequisite: BS. 260. Offered 1, 2, 3.

The principles and personal and business uses of casualty insurance. An analysis is made of workmen's compensation, liability, automobile, aviation, accident and health, theft, boiler and machinery, plate glass, and credit insurance.

BS. 373.—Personnel Management. 3 hours. 3 credits. Offered 1, 2, 3.

A comparison of and critical evaluation of public and private personnel practices and techniques of recruiting, selecting, transferring, promoting, classifying and training workers. Attention is centered on the problem of training to fit workers for the different types and levels of duties called for by the government, by industry and by other types of business enterprises. Consideration of organization, policies, and procedures of managing men.

BS. 401.—Business Law. 3 hours. 3 credits. Offered 1, 2, 3.

Contracts: Formation and interpretation; operation and discharge; remedies. Agency: Nature and formation of relationship; inter-relationship responsibilities and rights; responsibility as to third parties, termination of relationship.

BS. 402.—Business Law. 3 hours. 3 credits. Offered 1, 2, 3.

Sales: Formation and performance of contracts of sale of personal property; remedies of sellers and buyers for breach. Negotiable Instruments: Formation and operation of negotiable contract; rights and obligations of various parties on negotiable instrument; discharge.

BS. 403.—Law of Business Units. 3 hours. 3 credits. Offered 1, 2, 3.

Partnership: nature, internal and external relationship, property rights of partner, dissolution and winding up. Corporations: Corporate charter and structure, stock and stockholders, directors and officers and powers of corporation.

BS. 420.—Bank Management. 3 hours. 3 credits. Prerequisite: ES. 321. Offered 1, 3.

Policies, practices and problems of commercial bank management; loans and discounts, investments, fiduciary and other services, the money market, and relationships and competition with the government and other financial institutions.

BS. 422.—Investments. 3 hours. 3 credits. Prerequisite: ES. 321. Offered 1, 2, 3.

The nature of investments; investment policies and types of securities; analysis of securities; the mechanics and mathematics of security purchases; factors influencing general movements of security prices.

BS. 424.—Investment Analysis. 3 hours. 3 credits. Prerequisite: BS. 422. Offered 1, 2.

The standards employed in the analysis of public utility, railroad, and general corporate securities; the supervision of individual, bank, and insurance company security investments; present day factors influencing security values.

BS. 427.—Corporation Finance. 3 hours. 3 credits. Offered 1, 2, 3.

The economic and legal forms of business enterprise; the instruments of business finance; financial problems as they relate to the ordinary operations of the business involving fixed and working capital, income, dividend policy, and current borrowing.

BS. 428.—Corporation Finance. 3 hours. 3 credits. Prerequisite: BS. 427. Offered 1, 2, 3. A continuation of BS. 427.

The sale of corporation securities; problems incident to growth and expansion; business failures and financial reconstruction; social aspects of corporate financial policy.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

BS. 430.—Wholesaling. 3 hours. 3 credits. Offered 1, 2, 3.

Nature of wholesaling, modern wholesaling systems, organization and management of wholesale businesses, economic aspects and trends in wholesaling.

BS. 433.—Advertising. 3 hours. 3 credits. Offered 1, 2.

A comprehensive guide to the planning and preparation of modern advertising in all of its phases.

BS. 434.—Advertising Problems. 3 hours. 3 credits. Offered 2.

An analysis of current advertising practices, problems, and procedures.

BS. 437.—Retailing. 3 hours. 3 credits. Offered 1, 2, 3.

The fundamentals of retailing: problems, policies, trends and procedures in retail distribution.

BS. 438.—Sales and Market Analysis. 3 hours. 3 credits. Offered 1, 2, 3.

The application of scientific method to the solving of marketing and distribution problems; survey, observational, and experimental methods of gathering data; specific investigations into sales, advertising, brand, price, and trade channel problem solving.

BS. 439.—Principles and Problems of Merchandising. 3 hours. 3 credits. Offered 1, 2.

Methods and policies relative to business management functions of merchandising; buying, product analysis, pricing, brands, channels of distribution, and sales administration.

BS. 444.—Ocean Transportation. 3 hours. 3 credits. Offered 1.

Problems in ocean transportation: types of ocean carriers; ocean routes; ocean ports; services of ocean freight carriers; ship brokerage and freight brokerage; passenger carriers; steamship combinations and conferences; ocean freight rate-making; vessel and cargo documents; regulation of shipping; government aid to ship-building and operation; shipping of Florida ports.

BS. 448.—Foreign Trade Technique. 3 hours. 3 credits. Offered 2.

Principles and practices of exporting and importing; export and import organization; market analysis, handling shipments, packing, customs regulations, insurance, financing, promotion, documents used in exporting and importing.

BS. 450.—Small Retail Store Management. 3 hours. 3 credits. Prerequisite: BS. 437. Offered 1, 2.

The specific problems which face the typical small retailer. Individual lines of business that are of greatest interest to the students enrolled will be treated.

BS. 451.—Traffic Management: Rates and Ratemaking. 3 hours. 3 credits. Prerequisite: ES. 351. Offered 1.

Classification, tariffs, rate structures, rate-making procedures, and rate regulation of all types of carriers.

BS. 452.—Traffic Management: Service and Service Regulation. 3 hours. 3 credits. Prerequisite: ES. 351. Offered 2.

The duty of service; shipping papers; common carrier liability; claims and reparations; car service; terminal services; diversion, reconsignment and transit privileges; routing; certificates and permits for operation.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

BS. 457.—Air Transportation. 3 hours. 3 credits. Offered 2.

Significance, development, economic and safety regulation, legal characteristics, international regulations, services and rates, and administration of organized air transport.

BS. 459.—Field Work in Marketing. Variable Credit. Offered 3.

Up to three credit hours for weekly reports and a final report on problems as they arise in a full time three months period of work in Sales, Retailing, Advertising, Wholesaling, Credits and Collections, Market Research, or other work in Marketing under supervision of an approved employer. Open only to students majoring in Marketing, Sales, Retailing, or Advertising curricula only before the last term on the campus, only after completion of a course in the principles of the subject to be practiced, and only with written permission from a sponsoring Professor. Complete course regulations may be secured from sponsoring professor. All registrations in this course are subject to these regulations.

BS. 460.—Life Insurance: Theory and Special Uses. 3 hours. 3 credits. Offered 1.

Designed to follow BS. 363 encompassing principles of life insurance rate and reserve calculations, uses of life insurance, life insurance contracts, business life insurance, group insurance, retirement plans, annuities, pension trusts, industrial insurance, underwriting principles, and the life insurance industry and companies.

BS. 462.—Life Insurance: Problems and Practices. 3 hours. 3 credits. Offered 2.

The problems and practices of life insurance programming; effects of taxation on insurance programs. Methods of safeguarding life insurance proceeds; the general economic functions of life insurance; and the specific functions and procedures of life underwriters.

BS. 463.—Social Insurance. 3 hours. 3 credits. Offered 1, 2, 3.

An analysis of the meaning and nature of economic security; the distinctions between social and private insurance; the basic hazards of unemployment, old-age, premature death of breadwinner, sickness and disability, especially as they apply to low income groups; an evaluation of methods for eliminating, reducing or indemnifying these hazards; the development of Social Insurance in the United States, the existing programs including operations, with special emphasis on Title II (Old Age Survivors Insurance) of the Social Security Act and Florida's Unemployment Compensation program.

BS. 464.—Statistical Controls for Management. 3 hours. 3 credits. Offered 2.

The methods and devices used by management in the collection, interpretation and application of data for the control and correction of managerial problems.

BS. 471.—Principles of Industrial Organization. 3 hours. 3 credits. Offered 2.

Includes coordinative, scalar, functional and staff phases of government, military, church, and finally industry whose internal and external problems are considered in their application to leadership.

BS. 472.—Collective Bargaining. 3 hours. 3 credits. Offered 1, 2.

A study of the practices and techniques of collective bargaining with respect to the relationship of the individual worker and his union, of the union and the employer, and of the union and the general public.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

BS. 474.—Purchasing. 3 hours. 3 credits. Offered 1.

Considers organization, principles, forms, procedures and policies in their relation to materials, quantity, sources, time and price; also covers specifications, inspection, stores and records.

BS. 479.—Business Policies. 3 hours. 3 credits. Offered 1, 2.

A study of Business Policies correlating the functions of sales, procurement, personnel, finance, and covering various industries and cyclical movements. Open only to seniors and graduate students.

BS. 481.—Ocean and Inland Marine Insurance. 3 hours. 3 credits. Offered 2.

Insurance against perils of transportation by sea and by land, including the use of floater policies.

BS. 482.—Fidelity and Surety Bonding. 3 hours. 3 credits. Offered 2.

The bonding coverages guaranteeing performance and/or honesty and capacity of third parties as well as the underwriting principles applicable to this field.

BS. 484.—Legal Aspects of Insurance. 3 hours. 3 credits. Offered 1.

The essentials of the law peculiarly applicable to the business of insurance including Florida's statutory regulation thereon.

BS. 486.—Life Insurance in Relation to Trusts and Estates. 3 hours. 3 credits. Offered 2.

Estate planning; the coordination of life insurance with other assets; living and testamentary trusts; personal and business life insurance trusts; wills; guardianships; and tax aspects of estate planning.

BS. 487.—Agency Management. 3 hours. 3 credits. Offered 1.

The means, methods, organization and management of operating an insurance agency.

GRADUATE COURSES

Though no graduate major may be completed without adequate course work on the 500 level, certain undergraduate courses in business organization and operation are available for graduate credit as a part of a candidate's major. These are: BS. 403—Law of Business Units; BS. 420—Bank Management; BS. 422—Investments; BS. 424—Investment Analysis; BS. 428—Corporation Finance; BS. 430—Wholesaling; BS. 434—Advertising Problems; BS. 437—Retailing; BS. 438—Sales and Market Analysis; BS. 439—Principles and Problems of Merchandising; BS. 444—Ocean Transportation; BS. 448—Foreign Trade Technique; BS. 450—Small Retail Store Management; BS. 451—Traffic Management: Rates and Ratemaking; BS. 452—Traffic Management: Service and Service Regulation; BS. 457—Air Transportation; BS. 460—Life Insurance: Theory and Special Uses; BS. 462—Life Insurance: Problems and Practices; BS. 463—Social Insurance; BS. 464—Statistical Controls for Management; BS. 471—Principles of Industrial Organization; BS. 472—Collective Bargaining; BS. 474—Purchasing; BS. 479—Business Policies; BS. 481—Ocean and Inland Marine Insurance; BS. 482—Fidelity and Surety Bonding; BS. 484—Legal Aspects of Insurance; BS. 486—Life Insurance in Relation to Trusts and Estates; and BS. 487—Agency Management.

BS. 501.—Business Liabilities. 3 hours. 3 credits. Offered 2.

Liabilities arising from State and Federal statutes and from various torts, such as defamation, misrepresentation, nuisance, misuse of legal procedure and false imprisonment. Also liabilities of owners and occupiers of land and liabilities of manufacturers and suppliers of goods.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

BS. 521.—Problems in Commercial Banking. 3 hours. 3 credits. Prerequisite: BS. 420. Offered 1, 3.

Recurring and special problems confronting the individual bank and commercial banks as a whole.

BS. 524.—Investment Banking. 3 hours. 3 credits. Offered 2.

Investment banking from the practical viewpoint, in order to prepare the student for entry into the business. Equivalent to a training course, covering in considerable detail all the related fundamentals of investment banking generally.

BS. 527.—Problems in Corporation Finance. 3 hours. 3 credits. Prerequisites: BS. 427 and 428 or equivalent. Offered 2.

Some of the leading problems of corporate finance, including valuation, long-term financing, economic aspects of corporate financing, financial problems of the small business, reorganization, and social problems arising from corporate financial practices. Consideration is also given to the relation between this subject and other closely related fields and to the bibliography of the field.

BS. 528.—Central Banking, Policies and Problems. 3 hours. 3 credits. Prerequisite: ES. 321. Offered 2.

The functions, powers, and policies of central banks; the changing role of central banks in the economy, with special emphasis on the place of central banks in a "free" economy and in a "state" economy.

BS. 529.—International Finance: Monetary Systems. 3 hours. 3 credits. Prerequisite: ES. 321. Offered 1.

International monetary systems with special emphasis on the role of central banks. Attention is concentrated on the inter-war period, the factors leading to the breakdown of international financial systems and attempts at reconstruction culminating in the World Bank and the International Monetary Fund.

BS. 534.—Problems of Sales Management. 3 hours. 3 credits. Offered 1, 3.

Analysis of the field, the processes, the problems and the policies of sales management.

BS. 535.—Market Management. 3 hours. 3 credits. Prerequisites: BS. 438 and 439 or equivalent. Offered 2.

Some marketing policy problems from the standpoint of the individual enterprise. Channels of distribution, pricing, sales promotion, marketing trends and sales organization.

BS. 573.—Problems in Collective Bargaining. 3 hours. 3 credits. Offered 3.

An examination of the history, present status, and trends of collective bargaining with an analysis of its economic, social, and legal aspects.

BS. 575.—Management Problems. 3 hours. 3 credits. Offered 2.

Deals with specific current industrial problems in the fields of administration, production, finance, personnel, labor relations, purchasing and distribution. Problems are selected from technical magazines in the management fields, and from contacts with key operating personnel in industry.

BS. 576.—Managerial Controls. 3 hours. 3 credits. Offered 1.

Concerns methods and procedures for regulating and checking management activities, in order to channel their operations within the requirements of predetermined plans. Covers controls as the guiding factors of industry as applies to both administrative and operative functions.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

CHEMICAL ENGINEERING

Instructional Staff 1950-51

Beisler, W. H., Head; Duncan, J. M., Harvin, R. L., Hawkins, H. M., Kimmel, A. L., Morgen, R. A., Nolan, W. J., Schweyer, H. E., Specht, R. C., Tyner, M., Walker, R. D.

CG. 347.—Industrial Stoichiometry. 3 hours and 3 hours laboratory or its equivalent, 4 credits. Prerequisites: CY. 205. Corequisites: MS. 354 and PS. 206. Offered 1, 2, 3.

The application of stoichiometric fundamentals to the solution of industrial process problems by use of the natural laws of conservation of mass and energy. The student is required to develop facility in solving humidity, solubility, thermophysics, thermochemistry and material and energy balances. Hougen & Watson, *Chemical Process Principles — Part I, Chemical Engineering Problems* — 1946.

CG. 348.—Industrial Stoichiometry and Fuels. 3 hours and 3 hours laboratory or its equivalent. 4 credits. The second half of the course CG. 347-348. Offered 1, 2.

Hougen & Watson, *Chemical Process Principles—Part I, Chemical Engineering Problems*—1946, Smith & Sheerar, *Quantitative Methods for Engineering Students.*

CG. 361.—Materials of Engineering. 3 hours. 3 credits. Prerequisite: CY. 106. Offered 1, 2, 3.

Production, properties and uses of ferrous and non-ferrous metals and alloys, cement, brick, plastics, and timber. White, *Engineering Materials.*

CG. 401.—Industrial Instrumentation and Control. 2 hours and 3 hours laboratory or equivalent. 3 credits. Prerequisites: MS. 354, PS. 206 and one of the following: CG. 348, CL. 313 or ML. 385. Offered 2.

The fundamentals and principles of application of instruments and automatic control to industrial processes, designed for the engineer who will have occasional contact with instrument and control problems in research or industry. McGraw-Hill, *Industrial Instruments of Measurement and Control.*

CG. 442.—Chemical Engineering Seminar. 1 hour. 1 credit. Offered 2.

CG. 443.—Chemical Engineering Laboratory. 6 hours. 2 credits. The first half of the course CG. 443-444. Prerequisite: CG. 447. Offered 1.

Experiments in chemical engineering operations.

CG. 444.—Chemical Engineering Laboratory. 6 hours. 2 credits. The second half of the course CG. 443-444. Prerequisite: CG. 448. Offered 2.

CG. 447.—Principles of Chemical Engineering. 3 hours. 3 credits. The first half of the course CG. 447-448. Prerequisite: CG. 348. Offered 2, 3.

Fundamental chemical engineering operations:—Fluid flow, heat transmission, evaporation, air conditioning, water cooling, drying, distillation, gas absorption, solvent extraction, counter-current decantation, crystallization, filtration, crushing and grinding, classification of solids, conveying. Badger and McCabe, *Elements of Chemical Engineering.*

CG. 448.—Principles of Chemical Engineering. 3 hours. 3 credits. The second half of the course CG. 447-448. Offered 1.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

CG. 451.—Chemical Engineering Economics. 2 hours. 2 credits. Prerequisite: CG. 447. Prerequisites or corequisites: CG. 443 and CG. 448. Offered 1.

Applications of principles of economics to chemical engineering problems in the selection of equipment and the replacement of equipment; cost accounting and estimates involved in plant operations and plant design. Tyler, *Chemical Engineering Economics.*

CG. 454.—Chemical Engineering Process Design. 3 hours and 6 hours laboratory or its equivalent. 5 credits. Prerequisites or corequisites: EM. 369, CG. 444, CG. 451 and CG. 468. Offered 2.

Elementary kinetics, application of unit operations and unit processes in industry and design of equipment based on laboratory experiments. Shreve, *Chemical Process Industries.*

CG. 467.—Chemical Engineering Thermodynamics. 3 hours. 3 credits. The first half of the course CG. 467-468. Prerequisites: CY. 402, calculus and CG. 447. Offered 2, 3.

Fundamental applications of thermodynamics to chemistry and chemical engineering. The three fundamental laws of thermodynamics are studied and emphasis is placed on approximation methods for engineering calculations. Hougen & Watson, *Chemical Process Principles Part II;* Hougen & Watson, *Chemical Process Principles Chart.*

CG. 468.—Chemical Engineering Thermodynamics. 3 hours. 3 credits. The second half of the course CG. 467-468. Offered 1.

GRADUATE COURSES

Requirements for admission to graduate work for those students holding the degree of B. Ch. E., or its equivalent, who desire to major in chemical engineering:

1. Such students may become candidates for the degree of Master of Science in Engineering or Doctor of Philosophy.

2. The following courses, or their equivalents, are required for unconditional entrance to graduate work in chemical engineering. Courses in each of the four fundamental branches of chemistry (inorganic, analytical, organic and physical); one hour of chemical literature; six hours of chemical engineering thermodynamics; five hours of chemical engineering design; two hours of chemical engineering economics; ten hours of unit operations, including laboratory work.

3. Each graduate student, registering for the first time, must take comprehensive written or oral examinations over the field of chemical engineering. These examinations are given during registration week. The results of these examinations are utilized by the Special Supervisory Committee in arranging the student's study program.

4. To satisfy the course requirement in the major subject, each graduate student in chemical engineering desiring to become a candidate for the degree of Master of Science in Engineering must take a minimum of 12 credits in Chemical Engineering courses on the graduate level. The actual courses required will be prescribed by the department.

CG. 511.—Organic Chemical Processing. 3 hours or its equivalent. 3 credits.

The fundamental principles involved in the manufacture of Organic Compounds.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

CG. 512.—Advanced Chemical Engineering. 3 hours or its equivalent. 3 credits.

Problems and discussions on unit operations of chemical engineering including the application of economic balance to design and operation.

CG. 513.—Advanced Chemical Engineering Calculations. 3 hours. 3 credits. Offered 1.

Analysis of data, rectification and correlation of data, dimensional analysis, graphical methods of calculation. Sherwood and Reed, *Applied Mathematics in Chemical Engineering;* Davis, *Epirical Equations and Nomography.*

CG. 521.—Distillation & Gas Absorption. 3 hours or its equivalent. 3 credits. Offered 2.

A comprehensive review of the fundamental principles of distillation and gas absorption is made. These principles are applied to the design of equipment for both binary and multicomponent systems. *Elements of Fractional Distillation,* Robinson and Gilliland.

CG. 522.—Chemical Engineering Kinetics. 3 hours or its equivalent. 3 credits. Offered 1.

A detailed study of the rates of homogenous, heterogeneous, and catalytic reactions in gaseous and condensed systems is made. Both theoretical and practical studies of rates are applied to the design of chemical processes and equipment. Hougen and Watson, *Kinetics and Catalysis.*

CG. 525.—Chemical Engineering Processing Equipment. 3 hours. 3 credits. Offered 1.

A study of industrial equipment available for commercially carrying out the various unit operations such as fluid flow, heat transfer, evaporation, drying, filtration, etc. Specific examples of both organic and inorganic processes will be used to show how several operations must be made mutually compatible in a complete process. Problems in choice of equipment involving relative costs, efficiencies, plant space requirements and qualities imparted to the material handled. Riegel, *Chemical Machinery.*

CG. 531.—Advanced Chemical Engineering Thermodynamics. 3 hours or its equivalent. 3 credits. Offered 2.

Advanced problems in the application of Thermodynamics to industrial processes.

CG. 541.—Heat Transmission and Fluid Flow. 3 hours or its equivalent. 3 credits. Offered 1.

Extension of elementary principles to more advanced problems in steady and unsteady heat flow to fluids and solids including consideration of fluid flow under nonisothermal conditions. McAdams, *Heat Transmission.*

CG. 545.—Adsorption. 3 hours. 3 credits. Offered 2.

Theory of adsorption; adsorption as a unit operation of chemical engineering; manufacture, properties and applications of typical adsorbents; deionizers; testing of adsorbents. Mantell, *Adsorption.*

CG. 546.—Drying. 3 hours or its equivalent. 3 credits.

Theory of drying of solids and the effects of certain variables on the rate of drying; the drying of suspensions, solutions, liquids and gases.

CG. 548.—Micromeritics. 3 hours. 3 credits.

Study of the properties of fine particles and their effect in engineering problems relating to soils, flow of materials, filtration, separating operations and catalytic reactions.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

CG. 551.—Industrial Adaptability of Ceramics. 3 hours or its equivalent. 3 credits.

Study of origin, location of deposits, and uses of the non-metallic minerals and the application of the phase rule in developing industrial uses. Ladoo, *Non-Metallic Minerals.*

CG. 552.—Production Control in Inorganic Industries. 3 hours or its equivalent. 3 credits.

The efficiency of recovery of products manufactured in an inorganic chemical industry and the relationship of costs of production to the technical efficiency of the various unit operations.

CG. 555.—Corrosion. 3 hours. 3 credits.

Fundamentals of corrosion and its mitigation; the selection of construction materials to prevent corrosion in process equipment; methods and equipment used by the corrosion engineer. McKay and Worthington, *Corrosion Resistance of Metals and Alloys.*

CG. 561.—Fermentation Industries. 3 hours or its equivalent. 3 credits.

Fundamentals of the fermentation process; ethyl alcohol, glycerol, acetone-butanol, lactic acid, acetic acid and butylene glycol; mold fermentations; production of commercial yeast, enzymes and antibiotics. Prescott and Dunn, *Industrial Microbiology.*

CG. 563.—Petroleum Technology. 3 hours. 3 credits. Offered 2.

Composition of petroleum gases, liquids and solids; fractionation of crude oils and studies of the physical properties of the components.

Multicomponent distillation; absorption; thermal and catalytic cracking; polymerization and isomerization including the application of thermodynamics to these processes. Nelson, *Petroleum Refinery Engineering;* Perry, *Chemical Engineers Handbook.*

CG. 565.—The Manufacture of Pulp and Paper. 3 hours or its equivalent. 3 credits. Offered 2.

The chemical and physical properties of cellulose, lignin and other constituents of wood and other raw materials used in the pulp and paper industry. The various commercial methods for manufacture of pulp and paper will be discussed. Specific problems in heat, material and economic balances will be taken up to illustrate the needs for sound design and operation methods in the industry.

CG. 567.—Paint and Varnish Technology. 3 hours or its equivalent. 3 credits.

Fundamentals of drying oils, resins and thinners; technology of pigments; paint and varnish formulation and evaluation. Matiello, *Protective and Decorative Coatings.*

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

CHEMISTRY

Instructional Staff 1950-51

Black, A. P., Head; Bolin, W. L., Bonnell, J. M., Bowen, F. J., Brown, E., Butler, G. B., Gilbert, S. G., Gropp, A. H., Hawkins, J. E., Heath, F. H., Ingwalson, R. W., Jackson, V. T., Lyons, E., Michaelis, C., Otte, B. J., Pearce, J. M., Phillips, L. R., Pollard, C. B., Ramsey, J. C., Reid, C. E., Rietz, E. G., Stearns, T. W., Tarrant, P., Thomas, G. A., Tucker, W. C.

CY. 100—Chemistry in the Modern World. 3 hours. 3 credits. Prerequisite: C-21. Offered 2.

A careful study of selected topics in chemistry, illustrating the methods, limitations, goals, and philosophy of an experimental science, and its place in our society. Lectures will be supplemented by discussions and assigned reading. There will be no laboratory work. Designed for those who are planning to major in the humanities or in the social sciences.

CY. 101.—General Chemistry. 3 hours, and 3 hours laboratory. 4 credits. The first half of the course CY. 101-102. Offered 1, 2, 3.

Fundamental laws and theories of chemistry. Non-metallic elements and their compounds; metals and their compounds and some of their uses.

CY. 102.—General Chemistry. 3 hours, and 3 hours laboratory. 4 credits. The second half of the course CY. 101-102. Offered 1, 2, 3.

CY. 105.—General Chemistry and Qualitative Analysis. 3 hours, and 3 hours laboratory. 4 credits. Prerequisites: Upper percentile rating in placement tests in physical sciences and mathematics or satisfactory completion of C-2. In general, freshmen should present evidence that they have had high school chemistry. Prerequisite or corequisite: Basic Mathematics. The first half of the course CY. 105-106. Offered 1, 2, 3.

A first year course designed for students working toward the degree B. S. in Chemistry and for premedical, predental, and engineering students.

CY. 106.—General Chemistry. 3 hours, and 3 hours laboratory. 4 credits. The second half of the course CY. 105-106. Offered 1, 2, 3.

CY. 203.—Qualitative Analysis. 2 hours, and 3 hours laboratory. 3 credits. Prerequisite: CY. 102 or a grade of B in ACY. 126. Offered 1, 2, 3.

Theoretical principles and laboratory techniques involved in the qualitative detection of the common metals and acid radicals.

CY. 205.—Introductory Quantitative Analysis. 2 hours, and 6 hours laboratory. 4 credits. Prerequisite: CY. 106 or CY. 203. Offered 1, 2, 3.

Theoretical principles and laboratory technique involved in quantitative determinations. Determinations include gravimetry, acidimetry and alkalimetry, oxidimetry and iodimetry.

CY. 206.—Quantitative Analysis. 2 hours, and 6 hours laboratory. 4 credits. Offered 2.

A continuation of the theoretical principles and laboratory technique of CY. 205. Emphasis will be placed on quantitative determinations which depend upon separation of various constituents. An introduction to colorimetric methods of analysis will be included.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

***CY. 262.—Organic Chemistry.** 3 hours. 3 credits. Prerequisite: CY. 102 or CY. 106. May be taken for credit without CY. 263. Offered 1, 2.

A brief elementary course embracing the more important aliphatic and aromatic compounds.

***CY. 263.—Organic Chemistry.** 6 hours laboratory. 2 credits. Corequisite CY. 262. Offered 1, 2.

CY. 301.—Organic Chemistry. 3 hours, and 3 hours laboratory. 4 credits. The first half of the course CY. 301-302. Prerequisite: CY. 205. Offered 1, 3.

Preparation and properties of the various aliphatic and aromatic compounds.

CY. 302.—Organic Chemistry. 3 hours, and 3 hours laboratory. 4 credits. The second half of the course CY. 301-302. Offered 2, 3.

CY. 315.—The Chemistry of Water Treatment. 2 hours, and 3 hours laboratory. 3 credits. Prerequisite: CY. 102 or CY. 106. Offered 1.

A theoretical and practical study of the examination and treatment of water.

CY. 317.—Physical Chemistry. 3 hours, and 3 hours laboratory. 4 credits. Prerequisites: CY. 205, MS. 105-106. Corequisite: Organic Chemistry. Offered 1.

Properties of solutions, chemical equilibrium, pH, the colloidal state; particular emphasis on biochemical applications. Designed primarily for students of medicine, pharmacy, biology, and related fields.

CY. 401.—Physical Chemistry. 3 hours. 3 credits. The first half of the course CY. 401-402. Prerequisites: one year of college physics, CY. 205, MS. 353-354. May be taken for credit without CY. 405. Offered 1, 3.

Matter in the three states, elementary thermodynamics, solutions, colloids, electricity as applied to chemistry, homogeneous and heterogeneous equilibria, chemical kinetics, photochemistry, introduction to quantum theory.

CY. 402.—Physical Chemistry. 3 hours. 3 credits. The second half of the course CY. 401-402. May be taken for credit without CY. 406. Offered 2.

CY. 403.—Water Analysis. 1 hour, and 6 hours laboratory. 3 credits. Prerequisite: CY. 205. Offered 2.

Analysis of waters to determine their potability and fitness for steam raising and other purposes.

CY. 405.—Physical Chemistry. 3 hours laboratory. 1 credit. The first half of the course CY. 405-406. Offered 1, 3.

CY. 406.—Physical Chemistry. 3 hours laboratory. 1 credit. The second half of the course CY. 405-406. Offered 2.

CY. 411.—Advanced Inorganic Chemistry. 2 hours, and 3 hours laboratory. 3 credits. Offered 1.

Advanced systematic inorganic chemistry, including inorganic synthesis.

---

*Pre-Medical students should take CY. 301-302 rather than CY. 262.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

CY. 412.—Advanced Physical Chemistry. 2 hours, and 3 hours laboratory. 3 credits. Prerequisite: CY. 401. Offered 2.

Radiation and chemical change: structure of matter, radioactivity, photochemistry.

CY. 413.—Colorimetric Analysis. 1 hour and 6 hours laboratory. 3 credits. Prerequisite: CY. 206. Offered 1.

The principles and technique of the various common methods of colorimetric analysis. An introduction to the uses of the pH meter will be included.

CY. 414.—Advanced Organic Chemistry. 2 hours, and 6 hours laboratory. 4 credits. Prerequisite: CY. 302. Offered 2.

An introduction to recent developments in the field and to afford training in laboratory technique.

CY. 415.—Biochemistry. 2 hours and 3 hours laboratory. 3 credits. Prerequisite: CY. 302. Offered 1.

Lectures, assigned readings, and laboratory techniques on carbohydrates, proteins, lipids, colloids, enzymes and vitamins.

CY. 416.—Industrial Chemistry. 3 hours, 3 credits. Prerequisite: CY. 302. Offered 2.

Industrial organic and inorganic procedures, involving the preparation on a commercial scale of acids, alkalies, fertilizers, petroleum products, etc., with emphasis on fundamental chemical principles involved.

CY. 462.—Photographic Chemistry. 3 hours. 3 credits. Prerequisites: CY. 262, or CY. 302; college physics, or suitable photographic experience. Offered 2.

Theory and practice of photographic processes and materials, and their uses.

CY. 481.—Chemical Literature. One-half hour or its equivalent. 1/2 credit. The first half of the course CY. 481-482. Prerequisite: 3 years of chemistry. A reading knowledge of French and German is desirable. Offered 1.

The present sources of published chemical information.

CY. 482.—Chemical Literature. One-half hour or its equivalent. 1/2 credit. The second half of the course CY. 481-482. Offered 2.

GRADUATE COURSES

Prerequisites: The following courses or their equivalents: General Chemistry—eight semester hours; Analytical Chemistry—eight semester hours; Organic Chemistry—eight semester hours; Physical Chemistry—eight semester hours; Chemical Literature—one semester hour. Any deficiency in the prerequisites must be satisfied as soon as possible after entering the Graduate School.

Each graduate student, registering for the first time, must take comprehensive written examinations over the fields of inorganic, analytical, organic, and physical chemistry. These examinations are given during the first three days of registration week preceding the Fall Semester. The results of the examinations are utilized by a departmental advisory committee in arranging the student's program.

All graduate students are expected to attend appropriate seminars.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

Special departmental instructions should be obtained from the Head of the Department.

Certain of the courses listed are offered each year while others are offered as required. For the complete listing of graduate courses for a given semester, the student should consult the Schedule of Courses for that semester.

CY. 501.—Organic Preparations. 9 hours laboratory or its equivalent. 3 credits. Offered 1.

CY. 502.—Structural Inorganic Chemistry. 3 hours or its equivalent. 3 credits.

Structure, valency, molecular association and stereochemistry of inorganic compounds.

CY. 504.—Inorganic Preparations. 9 hours laboratory or its equivalent. 3 credits.

Laboratory work involving preparation of typical inorganic compounds in addition to collateral reading and discussion. A reading knowledge of French and German is desirable.

CY. 505.—Organic Nitrogen Compounds. 3 hours or its equivalent. 3 credits. Prerequisite: CY. 518.

Special lectures and collateral reading relative to the electronic and other theoretical conceptions of organic compounds containing nitrogen. Explosives, pseudo-acids, certain dyes, alkaloids, proteins, etc.

CY. 506.—Special Chapters in Organic Chemistry. 3 hours. 3 credits. Prerequisite: CY. 518.

Lectures and collateral reading. In general, topics to be studied will be chosen from the following list: stereochemistry, tautomerism, acetoacetic ester syntheses, malonic ester syntheses, the Grignard reaction, benzene theories, diazo compounds, indicators and electronic theories.

CY. 509.—Electrochemistry of Solutions. 3 hours or its equivalent. 3 credits. Prerequisite: CY. 521 or its equivalent. Offered 1.

A study of the theories of solutions from the standpoints of conductiometric and electrometric phenomena; methods of measurements and applications.

CY. 510.—Phase Rule. 3 hours or its equivalent. 3 credits.

Heterogeneous equilibria in systems of one, two, three and four components.

CY. 513.—Colloids. 3 hours or its equivalent. 3 credits.

The preparation and study of the behavior of various types of colloid systems; the phenomenon of adsorption; applications.

CY. 515.—Special Topics in Inorganic Chemistry. 3 hours. 3 credits.

Discussion of crystallography, fire-assay, the goniometer, isotopes, and isobars. The less common compounds of phosphorous, sulfur, nitrogen and silicon, peroxy-compounds and ozone.

CY. 516.—Rare Elements. 3 hours or its equivalent. 3 credits.

A systematic discussion of the rarer elements, considered by periodic group relations to each other and to the common elements. Uses of the rarer elements and their compounds.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

CY. 517.—Synthesis and Structure of Organic Compounds. 2 hours, and 3 hours laboratory. 3 credits. Offered 1.

Typical reactions which are utilized in the synthesis and proof of structure of organic compounds; quantitative determination of carbon and hydrogen in simple organic compounds and the determination of various characteristic groups.

CY. 518.—Qualitative Organic Chemistry. 1 hour, and 6 hours laboratory. 3 credits. Prerequisite: CY. 517. Offered 2.

The identification of organic compounds.

CY. 519.—Inorganic Preparations (Electrochemical). 9 hours laboratory or its equivalent. 3 credits.

Typical laboratory processes for preparation of substances by electrolytic oxidation and reduction.

CY. 521.—Chemical Thermodynamics. 3 hours or its equivalent. 3 credits. The first half of the course CY. 521-522. Prerequisites: one year of physical chemistry and differential and integral calculus. Offered 1.

Energetics, properties of ideal and non-ideal systems.

CY. 522.—Chemical Thermodynamics. 3 hours or its equivalent. 3 credits. The second half of the course CY. 521-522.

CY. 523.—Special Topics in Physical Chemistry. 3 hours or its equivalent. 3 credits.

The topics covered will depend upon the particular needs of the students and will consist of material not covered in other courses.

CY. 524.—Chemical Kinetics. 3 hours or its equivalent. 3 credits. Prerequisite: CY. 521.

Acids and bases; homogeneous and heterogeneous catalysis; rates and mechanism.

CY. 525.—Chemistry of the Terpenes. 3 hours or its equivalent. 3 credits.

The monocyclic terpenes and related hydroaromatic compounds.

CY. 526.—Chemistry of the Terpenes. 3 hours or its equivalent. 3 credits.

The dicyclic terpenes and their derivatives.

CY. 527.—Laboratory Distillation. 3 hours or its equivalent. 3 credits. Desirable prerequisite differential equations.

Simple and fractional distillation; steam distillation; molecular distillation. Determination of the number of theoretical plates, the optimum reflux ratio and the sharpness of separation using packed columns.

CY. 528.—Chemistry of High Polymers. 2 hours, and 3 hours laboratory or its equivalent. 3 credits.

CY. 529.—Water Supply and Treatment. 3 hours or its equivalent. 3 credits.

A survey of Florida hydrology and a discussion of the most recent developments in the treatment and stabilization of municipal and industrial water supplies.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

CY. 530.—Physical-Organic Chemistry. 3 hours or its equivalent. 3 credits.

The theory and application of physical methods in the study of the behavior of organic compounds.

CY. 531.—Semi-Micro and Micro Inorganic Analysis. 1 hour, and 6 hours laboratory. 3 credits.

CY. 532.—Special Topics in Analytical Chemistry. 3 hours or its equivalent. 3 credits.

Topics selected from: Methods used in industrial control. Less commonly used physicochemical methods of analysis. Theory and use of chromatographic adsorption. Application of statistical theory to chemical problems involving procedure and design.

CY. 533.—Instrumental Analysis. 2 hours, and 3 hours laboratory. 3 credits. Offered 2.

Applications of physicochemical principles to analytical chemistry. Electrometric titrations. Colorimetry. Nephelometry.

CY. 535.—Industrial Water Treatment. 3 hours or its equivalent. 3 credits. Prerequisite: CY. 529.

CY. 536.—Chemical Analysis. 1 hour, and 6 hours laboratory. 3 credits.

Selected methods for the detection and determination of a number of elements not covered in elementary courses.

CY. 538.—Quantitative Organic Chemistry. 9 hours laboratory or its equivalent. 3 credits. Offered 2.

CY. 539.—The Analytical Control of Water Treatment. 1 hour, and 6 hours laboratory. 3 credits. Prerequisite: CY. 529.

A laboratory course dealing with the most recent developments in analytical techniques and the separation and determination of components not ordinarily determined in water analysis.

CY. 540.—Selected Topics in Water Supply and Treatment. 3 hours or its equivalent. 3 credits. Prerequisite: CY. 535.

A survey of the contemporary literature in the fields of water supply and treatment.

CY. 547.—Biochemistry (Proteins and Colloids). 2 hours or its equivalent. 2 credits. Prerequisite: A course in general biochemistry.

Lectures and assigned readings on composition, structure, physicochemical properties and the function of the proteins; and studies on the relation of colloidal systems to biochemical processes.

CY. 548.—Biochemistry (Carbohydrates and Lipids). 2 hours or its equivalent. 2 credits. Prerequisite: A course in general biochemistry.

A comprehensive course covering all classes of carbohydrates including the monosaccharides, oligosaccharides, polysaccharides and their derived compounds; and a study of lipid chemistry.

CY. 549.—Biochemistry Laboratory (Proteins and Colloids). 3 hours laboratory. 1 credit. Prerequisite or corequisite: CY. 547.

Accompanying laboratory course for CY. 547.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

CY. 550.—Biochemistry Laboratory (Carbohydrates and Lipids). 3 hours laboratory. 1 credit. Prerequisite or corequisite: CY. 548.

Accompanying laboratory course for CY. 548.

CY. 551.—Biochemistry (Enzymes). 2 hours or its equivalent. 2 credits. Prerequisite: A course in general biochemistry.

Lectures and assigned readings on enzyme action, including methods of preparation and investigation of enzymes and their function in biological and industrial processes.

CY. 552.—Biochemistry (Vitamins, Hormones, and Minerals). 2 hours or its equivalent. 2 credits. Prerequisite: A course in general biochemistry.

A study of the properties, physiological functions and methods of assay of the vitamins; physiological function and structure of hormones; and the role of common and trace elements in nutrition and agriculture.

CY. 553.—Biochemistry Laboratory (Enzymes). 3 hours laboratory. 1 credit. Prerequisite or corequisite: CY. 551.

Accompanying laboratory course for CY. 551.

CY. 554.—Biochemistry Laboratory (Vitamins, Hormones, Minerals). 3 hours laboratory. 1 credit. Prerequisite or corequisite: CY. 552.

Accompanying laboratory course for CY. 552.

CY. 560.—Chemistry of Dyes and Vital Stains. 3 hours. 3 credits. Prerequisite: 10 hours of organic chemistry or 8 hours of organic chemistry and 3 hours of biochemistry.

Relationships of Histology, Chemistry, and the therapeutic use of dyes and stains.

CY. 561.—Chemical Carcinogenesis. 3 hours. 3 credits. Prerequisite: 10 hours of organic chemistry and a course in biology or biochemistry.

A study of the physiological properties, methods of synthesis and stereochemistry of the compounds (and related substances) that cause cancer.

CY. 562.—Biochemistry of Cancer. 3 hours. 3 credits. Prerequisite: a course in biochemistry.

Includes such topics as genetics, nutrition, endocrinology, viruses, metabolism, diagnosis and therapeutics and their relation to the cancer problem.

CY. 565.—Cancer Research Seminar. 3 hours. 3 credits.

Discussion of the work of the Cancer Research Laboratory. Papers on the current literature. A presentation of theses.

CY. 566.—Cancer Research Seminar. 3 hours. 3 credits.

The second half of CY. 565.

CY. 570.—Research in Inorganic Chemistry. 2 to 6 hours credit.

CY. 571.—Research in Analytical Chemistry. 2 to 6 hours credit.

CY. 572.—Research in Organic Chemistry. 2 to 6 hours credit.

CY. 573.—Research in Physical Chemistry. 2 to 6 hours credit.

CY. 574.—Research in Naval Stores. 2 to 6 hours credit.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

CY. 575.—Research in Sanitary Chemistry. 2 to 6 hours credit.

CY. 576.—Research in Biochemistry. 2 to 6 hours credit.

CY. 581.—Research in Cancer. Credit variable.

Each student will have a research problem that is part of a larger project. A definite research contribution is expected and only those students who have shown creative ability in their Masters work will be allowed to enter as candidates for the Doctor's degree.

CIVIL ENGINEERING

Instructional Staff 1950-51

Williams, C. D., Head; Bishop, J. A., Bransford, T. L., Bromilow, F., Bugg, S. L., Calaway, W. T., Comins, H. D., Crabtree, F. H., Cutts, C. E., Daniels, S. R., Dean, G. W., Firmage, D. A., Grantham, G. R., Hendrickson, E. R., Jaffe, T., Katterhenry, A. A., Kiker, J. E., Paquette, R. J., Phelps, E. B., Ritter, L. J., Spangler, B. D., Winsor, A. N., Zimpfer, W. H.

CL. 223.—Surveying. 2 hours, and 3 hours field practice. 3 credits. Prerequisite: MS. 105. Offered 1, 2, 3.

Use of surveyors tape, level and transit; traversing and balancing of surveys; calculation of areas, countour work; line-azimuth by observation on sun, stadia surveying with transit; topographic mapping; land subdivision and determination of the accuracy or order (first, second or third) of survey required for the purpose. Davis and Foote, *Surveying.*

CL. 226.—Higher Surveying. 2 hours, and 3 hours field practice. 3 credits. Prerequisite: CL. 223. Offered 1, 2, 3.

Adjustment of instruments; precise leveling; precise base-lines; first order triangulation; highway profiles and curves; line azimuth by Polaris observations; use of alidade and plane table; topographic mapping; photogrammetry. Davis and Foote, *Surveying.*

CL. 301.—Forest Surveying. 1 hour, and 6 hours field practice. 3 credits. Prerequisite: CL. 223. Offered 1, 2, 3.

Topographic mapping; resurvey of land lines and boundaries; timber road detail by compass and Abney level; mapping and traverse from aerial photograph data; plane table surveys; stadia measurements; line azimuth determination; adjustment of instruments; leveling. Davis and Foote, *Surveying.*

CL. 303.—Elements of Photogrammetry. 2 hours lecture and 3 hours laboratory of field practice. 3 credits. Prerequisites: CL. 226 or CL. 301. Offered 2.

The place of photogrammetry in surveying, mapping and general application to engineering, agriculture and industrial development; aerial photography, cameras, flying height; geometry of aerial photos, scale, tilt; stereoscopy, parallax, plotting instruments; photo interpretation; mosaic construction.

CL. 311.—Structural Drawing. 6 hours drawing. 2 credits. Prerequisites: ML. 182, offered 1, 2.

Structural representation; detailing beams, columns, trusses, built-up girders, riveted and welded joints, reinforced concrete members, and timber connections from design drawings. Bishop, *Structural Drawing,* and American Institute of Steel Construction, *Handbook of Steel Construction,* American Concrete Institute, *Manual of Standard Practice.*

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

CL. 321.—Highways and Airports. 3 hours. 3 credits. Prerequisite: CL. 226. Offered 1, 2, 3.

The principles of highway planning, location, construction, maintenance, financing and administration, as applied to interregional, primary and secondary roads and city streets; planning and design of airports. Bateman, *Introduction to Highway Engineering.*

CL. 323.—Materials Laboratory. 1 hour and two 2-hour laboratories. 3 credits. Corequisite: EM. 367. Offered 1, 2.

The principal materials used for engineering purposes with special attention to their physical properties and the reasons for the importance of these properties to the engineer, including definitions and methods of measurement.

CL. 326.—Statics of Simple Structures. 3 hours, and 3 hours problems session. 4 credits. Prerequisite: EM. 365. Offered 1, 2, 3.

Applications of the methods of statics to structural analysis; a correlation between graphical and analytical methods; moments, shears, reactions, resultants, stress diagrams, and influence lines for statically determinate structures. Wilbur & Norris, *Elementary Structural Analysis.*

CL. 333.—Design in Reinforced Concrete. 3 hours. 3 credits. Prerequisites: EM. 367, CL. 326. Offered 1, 2, 3.

The principles of reinforced concrete design; design of concrete mixtures; design of beams for bending; combined bending and axial loads; bond, shear, and web reinforcing; composite beams; columns; simple retaining walls. Dunham, *Theory and Practice of Reinforced Concrete.*

CL. 335.—Design in Metals and Timber. 3 hours, and 3 hours design session. 4 credits. Prerequisites: EM. 367, CL. 326. Offered 1, 2.

The structural design of metal and timber elements; connections, tension and compression members, beams, members subjected to combined bending and axial loads, as applied to structures. Williams and Harris, *Structural Design in Metals;* Hansen, *Modern Timber Design.*

CL. 368.—Strength of Materials Laboratory. 3 hours laboratory. 1 credit. Corequisite: EM. 367. Offered 1, 2.

A laboratory course of experiments involving the strength and physical properties of engineering materials that are studied in Strength of Materials.

CL. 411.—Civil Engineering Seminar. 1 hour. 1 credit. The first half of course CL. 411-412. Prerequisite: Junior standing in Civil Engineering. Offered 1, 2.

Reports on current civil engineering literature; discussions of engineering developments; engineering organizations, publications and activity.

CL. 412.—Civil Engineering Seminar. 1 hour. 1 credit. Prerequisite: Senior standing in Civil Engineering. The second half of the course CL. 411-412. Offered 1, 2.

CL. 415.—City and Regional Planning. 2 hours, and 3 hours planning session. 3 credits. Prerequisite: Senior engineering rating. Offered 1, 2.

Principles of planning and zoning with emphasis on its application to smaller cities. Street systems, neighborhood units, transportation problems, utilities, and subdivisions. Urban blight and redevelopment, slum clearance, public housing and Federal aid. Basic principles and objectives of Regional Planning. Lewis, *Planning The Modern City.*

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

CL. 422.—Public Health Engineering. 3 hours, and 3 hours laboratory. 4 credits. Prerequisite: Senior engineering classification. Offered 2.

The relation of man to his environment and of the principles of engineering methods employed in environmental control in the interest of public health. The areas included are classified into three major environmental contacts, air, water and food, but exclude water supply and sewage disposal in which special instruction is offered in other courses. Special topics treated are the atmospheric environment, the physiological basis of ventilation and illumination; stream sanitation; food control, including restaurant sanitation; rural sanitation; insect and rodent control and industrial sanitation. Phelps, *Public Health Engineering, Vols. I and II.*

CL. 424.—Soil Mechanics. 2 hours, and 3 hours laboratory. 3 credits. Prerequisites: GY. 210, EM. 367. Offered 1, 2.

Origin and composition of soils; classification and routine testing; subsurface exploration and sampling; permeability and capillarity of soils; compaction, field and laboratory methods; stresses in soil masses as determined by elastic theory; consolidation; strength theory; shearing characteristics of sand; shearing strength of cohesive soils. Taylor, *Fundamentals of Soil Mechanics.*

CL. 425.—Sewage and Industrial Waste Treatment. 3 hours. 3 credits. Prerequisites: CY. 102, CL. 427. Offered 2.

A study is made of characteristics of sewage, its effect upon streams, and methods of disposal. A thorough study is made of sewage treatment methods with emphasis upon physical and biochemical changes that occur. The general aspects of the industrial waste problem are covered including detailed study of wastes of a sufficient number of individual industries to illustrate the principle. Phelps, E. B., *Stream Sanitation;* Eldridge, E. F., *Industrial Wastes Treatment Practice.*

CL. 426.—Water Supply and Treatment. 2 hours, and 3 hours design. 3 credits. Prerequisite: EM. 313. Offered 1, 2.

Sources of supply, methods of treatment; the design of water systems including supply, treatment and distribution. Hardenbergh, *Water Supply and Purification.*

CL. 427.—Sanitary Engineering Laboratory. 1 hour, and 6 hours laboratory. 3 credits. Prerequisite: CL. 426. Corequisite: CY. 315. The first half of the course CL. 427-428. Offered 1.

Laboratory studies in physical, chemical and microbiological aspects of Sanitary Engineering; laboratory tests and pilot plant experiments relative to the treatment of water, sewage and industrial wastes; laboratory demonstrations of phosphatase tests and pasteurization; problems of bacteriology in relation to environmental sanitation, including sewage, industrial wastes, water, milk, food dispensing establishments, swimming pools and bathing beaches, with particular emphasis on the use and interpretation of indices of pollution. American Public Health Association, *Standard Methods for the Examination of Water and Sewage;* Whipple, *Microscopy of Drinking Water.*

CL. 428.—Sanitary Engineering Laboratory. 1 hour, and 6 hours laboratory. 3 credits. The second half of the course CL. 427-428. Offered 2.

CL. 429.—Sewerage. 2 hours, and 3 hours design. 3 credits. Prerequisites: EM. 314, CL. 333. Corequisite: CL. 438. Offered 1, 2.

The hydraulic and structural design of the sewerage systems and sewage treatment plants; including a study of the elementary principles of sewage treatments. Babbitt, *Sewerage and Sewage Treatment.*

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

CL. 438.—Statically Indeterminate Structures. 3 hours. 3 credits. Prerequisites: CL. 326, EM. 367. Offered 1, 2.

A fundamental course in the elastic properties of structures; slope and deflection of beams and trusses; redundant systems, continuous beams, frames; special methods include moment area, elastic weight, consistent deflections, slope deflection and moment distribution. Williams, *Analysis of Statically Indeterminate Structures.*

CL. 439.—Highway Location and Drainage. 2 hours, and 3 hours field and office. 3 credits. Prerequisite: CL. 321. Offered 1.

Highway planning and location methods, including traffic and transportation surveys, design standards, right-of-way practices, intersection studies, etc.; preparation of plans; earthwork calculations; preparation of preliminary estimate; surface and subsurface highway drainage.

CL. 443.—Foundation and Harbor Structures. 2 hours, and 3 hours design. 3 credits. Prerequisite: CL. 333. Offered 1.

Analysis and design of foundations and harbor structures including information relative to earth pressures and the design of retaining walls and sheet piling; soil bearing power and the design of spread footings and raft foundations; piles and pile foundations; cofferdams; caisson; breakwaters; wharves and piers; bridge piers and abutments. Anderson, *Substructure Analysis and Design.*

CL. 444.—Construction Methods and Estimating. 2 hours, and 3 hours computation. 3 credits. Prerequisite: Senior classification. Offered 1, 2.

The equipment and methods of construction; estimating quantities; the cost structure; estimates and cost accounting. Stubbs, *Estimates and Cost of Construction.*

CL. 446.—Highway Bridges. 2 hours, and 3 hours design. 3 credits. Prerequisites: CL. 333, CL. 335. Offered 1, 2.

The design of highway bridges of reinforced concrete and of steel; study of highway specifications; details of design; study of types and economics.

CL. 448.—Industrial and Mill Buildings. 2 hours, and 3 hours design. 3 credits. Prerequisites: CL. 333, CL. 335, CL. 438. Offered 2.

Applications of reinforced concrete and steel design to building structures; flat slab floors; design for continuity; study of building specifications and codes.

CL. 450.—Highway Construction and Materials. 2 hours, and 3 hours field and laboratory practice, 3 credits. Prerequisite: CL. 321. Offered 2.

Construction surveys; preparation of final estimate; earthwork equipment and operations; subgrade and base design and construction, including soil stabilization methods; bituminous paving mixtures.

GRADUATE COURSES

CL. 521.—Advanced Metal Structures. Variable credit. Prerequisites: CL. 438, CL. 335. Corequisite: CL. 538. Offered 1.

Studies of structural stability; application and economics of available metals; problems in structural details, fatigue of structural members; evolution of specifications; types of movable bridges; RR bridge specifications; the design of steel rigid frames.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

CL. 523.—Advanced Concrete Structures. Variable credit. Prerequisites: CL. 438, CL. 333. Corequisite: CL. 538. Offered 2.

Comparisons of modern methods of concrete proportioning; design with relation to ultimate; prestressing and contrastressing; plastic flow; special structures; admixtures and protective treatments; study of research development; the design of concrete rigid frame bridges.

CL. 526.—Three Dimensional Stress Analysis. 3 hours. 3 credits. Prerequisite: CL. 438. Offered 1.

The resolution or forces, computation of reactions, and calculation of forces and stresses in structures that cannot be reduced to co-planer structures.

CL. 527.—Advanced Sanitary Engineering. 3 hours or its equivalent. 3 credits. Prerequisites: CL. 426, CL. 429. First half of the course CL. 527-528. Offered 1, 3.

An advanced study of the biological, chemical and physical principles utilized in water, sewage, and industrial waste treatment processes.

CL. 528.—Advanced Sanitary Engineering. 3 hours or its equivalent. 3 credits. Second half of the course CL. 527-528. Offered 2.

CL. 529.—Advanced Sanitary Engineering Design. 3 hours or its equivalent. 3 credits. Prerequisites: EM. 314, CL. 333, CL. 438, CL. 429. Offered 1, 3.

Special problems in the design of water, sewage, and industrial waste plants.

CL. 530.—Problems in Sanitation. 3 hours or its equivalent. 3 credits. Prerequisite: CL. 426, CL. 428, and permission of instructor. Offered 2, 3.

Approved problems for study or research selected from any field of sanitary specialization.

CL. 538.—Analysis of Statically Indeterminate Structures. 3 to 6 credits. Prerequisite: CL. 438. Offered 1, 2, 3.

Frames with variable moment of inertia; closed rings; column analogy; secondary stresses; continuous trusses; columns; Design problems.

CL. 540.—Bio-statistics. 3 hours. 3 credits. Prerequisites: CL. 422, MS. 354. Offered 2.

Principles of statistics as applied to populations, epidemiology, morbidity and mortality rates.

CL. 541.—Advanced Public Health Engineering. 3 hours or its equivalent. 3 credits. Prerequisite: CL. 422. Offered 1.

An advanced study of various integrants of public health engineering with special emphasis on one selected problem such as ventilation and illumination, epidemiology, and food sanitation.

CL. 542.—Stream Sanitation. 2 hours. 2 credits. Prerequisites: CL. 315, CL. 425, CL. 426, BCY. 301. Offered 2.

The principles of environmental sanitation applied to the stream, considered as an economic asset. Its various uses include water supply and waste disposal; shellfish; recreational uses and navigation; storage, irrigation and power development. Phelps, *Stream Sanitation.*

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

CL. 547.—Advanced Highway Engineering. 1 to 6 credits. Prerequisites: CL. 439, CL. 450. Offered 1, 2, 3.

Special problems in highway economics, planning, design and construction.

CL. 548.—Advanced Soil Mechanics. 1 to 6 credits. Prerequisite: CL. 424. Offered 1, 2.

Special problems in the application of soil mechanics to the design and construction of buildings, foundations, dams, levees, and highways.

CL. 549.—Experimental Stress Analysis. 3 hours or its equivalent. 3 credits. Corequisite: CL. 538. Offered 2.

Structural similarity; preparation of models; deformater methods of analysis; polarized light studies; current literature; strain gage methods of analysis.

CL. 550.—Hydrology. 3 hours. 3 credits. Prerequisites: EM. 313 and EM. 314. Offered 1.

Occurrence and distribution of water by natural processes, including precipitation, run-off, infiltration, water losses and their relations. Analysis of stream flow data. Frequency and intensity of storms and floods and effects of reservoirs in reducing them.

CL. 552.—Graduate Civil Engineering Seminar. 1 hour. 1 credit. Offered 1, 2.

Discussions and reports pertaining to the literature and developments in the Civil Engineering field.

COMMERCIAL ART

Instructional Staff 1950-51

Holbrook, H. H., Head; Gardner, H. R., Summers, M. D.

CT. 360.—Layout. 6 hours of lecture-laboratory. 3 credits. Offered 1, 2, 3.

Introduction to the elements of design in layout and demonstrations of how these elements are employed to produce more effective advertising. Students are required to fit copy and to recognize, choose, and space display types as design elements.

CT. 361.—Lettering and Instrumental Drawing. 6 hours of lecture-laboratory. 3 credits. Offered 1, 2, 3.

The designing of letters or characters suitable to the subject and the relating of design elements to the printed and written word. Instruction in the mechanical aids to drawing with emphasis given to orthographic and perspective representations.

CT. 362.—Advertising Design. 6 hours of lecture-laboratory. 3 credits. Prerequisites: CT. 360 and CT. 361. Offered 1, 2, 3.

The various media and techniques used in commercial art including oils, watercolors, pastels, ink and airbrush. Problems include illustrations and spot designs involving black and white and color separations.

CT. 461-462-463.—Projects in Advertising Design, Group 1. 18 hours of lecture-laboratory. 3 credits each;—group total, 9 credits. Prerequisites: ART 126 and CT. 362. Offered 1, 2, 3.

Various problems including page ads for industry, direct mail pieces, poster design, package design and educational visual aids. An analysis of the product, market, media and reproduction methods.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

CT. 464-465-466.—Projects in Advertising Design, Group 2. 18 hours of lecture-laboratory. 3 credits each;—group total, 9 credits. Prerequisite: CT. 463. Offered 1, 2, 3.

A continuation of CT. 461, 462, and 463. Problems involving more complex design elements such as institutional advertising directed to specialized audiences, and explanatory drawings of scientific subjects. CT. 465 and CT. 466 will allow students to explore specialized fields.

CRAFTS

Instructional Staff 1950-51

Holbrook, H. H., Head; Peabody, K. E.

CS. 381.—Crafts I. 6 hours of lecture-laboratory. 3 credits. Prerequisite: ART 122. Offered 1, 2, 3.

An introductory professional course in the crafts field with emphasis on the design of crafts products. The construction, glazing, and firing of ceramic products; the design and weaving of fabrics; the design and execution of objects in silver and copper; and the design and making of leather articles.

CS. 382.—Crafts II. 6 hours of lecture-laboratory. 3 credits. Prerequisite: CS. 381. Offered 1, 2, 3.

A continuation of CS. 381 with specialization in three crafts areas. Imaginative and creative design with a functional approach will be stressed.

CS. 383.—Jewelry and Metalwork. 6 hours of lecture-laboratory. 3 credits. Prerequisite: ART 122. Offered 1, 2, 3.

A creative and technical approach to the design problems in jewelry and metal forming. Varied media will be employed with emphasis on enamelling, soldering, filing, etc.

CS. 481.—Ceramics I. 12 hours of lecture-laboratory. 6 credits. Prerequisite: CS. 382. Offered 1, 2, 3.

A further development of ceramics previously studied in CS. 381 and CS. 382. Emphasis will be placed on ceramic construction, decorative techniques, and glazing and firing.

CS. 482.—Ceramics II. 12 hours of lecture-laboratory. 6 credits. Prerequisite: CS. 481. Offered 1, 2.

A continuation of CS. 481. An advanced course in ceramics combining research in design and ceramic technology.

CS. 483.—Special Problems in Crafts. 6 hours of lecture-laboratory. 3 credits. Prerequisite: CS. 381. Offered 1, 2, 3.

Special problems selected by the student with approval of the instructor. Stress will be placed on the use of native materials.

CS. 484.—Special Problems in Crafts. 12 hours of lecture-laboratory. 6 credits. Prerequisite: CS. 483 and CS. 382. Offered 1, 2, 3.

Further study in areas of specialization selected by the student in consultation with the instructor.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

DAIRY SCIENCE

Instructional Staff 1950-51

Fouts, E. L., Head; Arnold, P. T. D., Becker, R. B., Krienke, W. A., Marshall, S. P., Mull, L. E., Wilkowske, H. H.

DY. 211.—Principles of Dairying. 2 hours, and 2 hours laboratory. 3 credits. (Prerequisite to all courses in dairying).

Composition and properties of milk; sanitary milk production; common methods of analyzing milk and cream; common dairy processes; farm methods of handling milk.

DY. 316.—Condensed and Dry Milk. 2 hours, and 3 hours laboratory. 3 credits.

Manufacture of condensed milk products.

DY. 318.—Grading and Judging Dairy Products. 2 hours laboratory. 1 credit.

Market grades and classes of dairy products; the use of score cards in grading and judging dairy products.

DY. 408.—Dairy Industry Review. 1 hour. 1 credit.

Recent developments in the dairy industry.

DY. 410.—Dairy Cattle Judging and Breeds. 4 hours laboratory. 2 credits.

Characteristics of dairy breeds. Scoring, comparative judging, classification judging, and fitting animals for sale and show.

DY. 411.—Dairy Cattle Management. 2 hours, and 2 hours laboratory. 3 credits.

Dairy breeds, selection, breeding and raising of dairy cattle. One or more trips to dairy farms.

DY. 412.—Milk Production. 2 hours, and 2 hours laboratory. 3 credits.

Feeding and management of dairy cattle for milk production. One or more trips to dairy farms.

DY. 413.—Market Milk and Milk Plant Products. 2 hours, and 3 hours laboratory. 3 credits.

Methods of handling and processing milk and milk plant products; technical operation of milk plants.

DY. 414.—Manufacture of Butter. 2 hours, and 3 hours laboratory. 3 credits.

The commercial manufacture of butter.

DY. 415.—Ice Cream Manufacture. 2 hours, and 3 hours laboratory. 3 credits.

The ice cream mix; flavoring and freezing ice cream; ice cream plant operation.

DY. 416.—Dairy Technology. 1 hour, and 4 hours laboratory. 3 credits. Prerequisites: BCY. 301, CY. 101-102.

Advanced laboratory methods and their application in chemical and bacteriological control of milk and milk products.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

DY. 417.—Fermented Milks. 1 hour, and 2 hours laboratory. 2 credits. Prerequisites: BCY. 301, CY. 101-102.

A study of various bacteriological cultures used in the dairy industry and their application to commercial processes.

DY. 418.—Approved Dairy Practice. 1 to 3 credits.

Practical experience in approved dairy plants. Satisfactory work and a written report determine the amount of credit allowed.

DY. 419.—Cheese Making. 1 hour, and 6 hours laboratory. 3 credits.

The manufacture of soft cheeses; a study of the manufacture and ripening of American cheese and other varieties being manufactured commercially

DY. 420.—Problems in Dairy Technology. 3 credits. Prerequisite: Permission of Instructor.

Qualified students may choose an approved problem covering some phase of dairy technology. Scope of work determines credit allowed.

DY. 421.—Seminar. 1 hour. 1 credit.

Preparation and presentation of papers on current topics in the students major field. Course is designed for seniors in Dairy Husbandry and Dairy Manufactures.

DY. 422.—Milk Secretion. 2 hours. 2 credits.

Anatomy of the mammary gland; physiology of milk secretion; factors affecting milk yield and composition; practical aspects of udder care and management.

DY. 424.—Dairy Breeds. 2 hours, and 2 hours laboratory. 3 credits. Prerequisites: DY. 411 and AY. 329.

Advanced study of breed backgrounds, developments, and programs for improved breeding.

GRADUATE COURSES

DY. 508.—Methods in Animal Research. 2 hours. 2 credits.

Methods employed in nutritional investigations with farm animals. Including feeding and management.

DY. 520.—Advanced Dairy Technology. Variable credit.

Advanced laboratory methods and their application in chemical and bacteriological control of milk and milk products.

DY. 521.—Problems in Milk and Milk Products. Variable credit.

DY. 522.—Advanced Dairy Cattle Breeding. 2 hours. 2 credits.

DY. 523.—Problems in Dairy Production. Variable credit.

Research for majors in Dairy Husbandry.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

ECONOMICS

Instructional Staff 1950-51

Heskin, O. E., Head; Anderson, J. D.; Anderson, M. D., Bigham, T. C., Blodgett, R. H., Bradbury, R. W., Brand, M., Calohan, C. E., Cunkle, A. L., Dolbeare, H. B., Donovan, C. H., Eldridge, J. G., Fristoe, C. W., Jackson, E. L., Karp, J. R., Kennedy, J. W., Millican, C. N., Mitch, G. F., Qualls, L. L., Roberts, M. J., Robertson, A. J., Shields, M. W., Tuttle, F. W., Webb, J. N., Ziegler, R. J.

Economic Theory
(See other groupings for additional ES. courses)
ES. 205
ES. 206
ES. 208
ES. 210
ES. 246
ES. 310
ES. 311
ES. 404
ES. 407
ES. 408
ES. 409
ES. 468
ES. 485
ES. 502
ES. 505
ES. 506
ES. 508
ES. 509
ES. 510
ES. 511
ES. 537
ES. 585
ES. 591
ES. 592

Banking and Finance
ES. 321
ES. 327
*BS. 420
ES. 421
*BS. 422
*BS. 424
*BS. 427
*BS. 428
ES. 429
ES. 441
ES. 449
ES. 477
ES. 478
*BS. 521
ES. 522
*BS. 524
*BS. 527
*BS. 528
*BS. 529
ES. 577
ES. 578
ES. 579

Marketing
*BS. 231
*BS. 233
*BS. 334
*BS. 336
ES. 347
*BS. 430
*BS. 433
*BS. 434
*BS. 437
*BS. 438
*BS. 439
*BS. 448
*BS. 450
*BS. 459
*BS. 474
*BS. 534
*BS. 535

Foreign Trade and Economic Geography
ES. 296
ES. 347
ES. 382
ES. 441
*BS. 448
ES. 449
ES. 483
ES. 543
ES. 545
****GPY. 381
****GPY. 385
****GPY. 386
****GPY. 486
****GPY. 487
****GPY. 488
****GPY. 489
****GPY. 589

Insurance
*BS. 260
*BS. 363
*BS. 365
*BS. 366
*BS. 460
*BS. 461
*BS. 462
*BS. 463
*BS. 481
*BS. 482
*BS. 484
*BS. 486
*BS. 487
ES. 561

Business Law
*BS. 401
*BS. 402
*BS. 403
***RE. 493
*BS. 501

Labor
ES. 372
*BS. 373
*BS. 472
ES. 475
ES. 476
ES. 572
*BS. 573
ES. 574

Management
*BS. 101
*BS. 271
*BS. 373
*BS. 464
*BS. 471
*BS. 474
*BS. 479
*BS. 575
*BS. 576

Business Statistics
ES. 203
ES. 369
*BS. 464
ES. 466
ES. 469
ES. 569
ES. 570
ES. 571

Transportation and Public Utilities
ES. 351
*BS. 444
*BS. 451
*BS. 452
ES. 453
ES. 454
*BS. 457
ES. 550
ES. 551
ES. 556

See also Accounting and Real Estate

*Course descriptions are given under Business Organization and Operation.
**Course descriptions are given under Accounting.
***Course descriptions are given under Real Estate.
****Course descriptions are given under Geography.

A departmental major in Economics in the College of Arts and Science must include ES. 205 and ES. 206, ES. 321, ES. 327, and ES. 407 and ES. 408 and from six to fourteen elective hours in ES. courses approved by the Departmental Adviser.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

Courses numbered 300 and higher are open only to students with junior standing. Note, however, specific prerequisites for certain courses.

ES. 203.—Elementary Statistics. 3 hours, and 2 hours laboratory. 4 credits. Prerequisite: C-42 or equivalent. Offered 1, 2, 3.

The statistical method as a tool for examining and interpreting data; acquaintance with such fundamental techniques as find application in business, economics, biology, agriculture, psychology, sociology, etc.; basic preparation for more extensive work in the field of statistics.

ES. 205.—Economic Foundations of Modern Life. 3 hours. 3 credits. First half of the course ES. 205-206. Offered 1, 2, 3.

Introductory course in economics designed primarily to meet the requirements of University students who feel the need for a workable knowledge of the economic system. Emphasis is placed on analysis and description of the more important economic organizations and institutions which, in their functional capacities, constitute the economic order. Economic principles and processes are explained, especially those relating to an understanding of value, price, cost, rent, interest, wages, profit, money, banking, commerce, foreign exchange, foreign trade and business cycles. The first term, which is devoted largely to the study of economic organizations and institutions and to the principles governing value and price, may be taken separately for which 3 semester hours of credit are given.

ES. 206.—Economic Foundations of Modern Life. 3 hours. 3 credits. The second half of the course ES. 205-206. Offered 1, 2, 3.

ES. 208.—Economic History of the United States. 3 hours. 3 credits. Offered 1, 2, 3.

The industrial development of America; the exploitation of natural resources; the history of manufacturing, banking, trade, transportation, etc.; the evolution of industrial centers; the historical factors contributing to the growth of the United States.

ES. 210.—Machine Technology in American Life. 3 hours. 3 credits. Offered 1, 2.

Shift from agrarian to industrial economy; development of machine technology and mass production; finance capitalism; impact of technological change on cultural pattern; class stratification and conflicts; relation of technology to nationalism and internationalism.

ES. 246.—The Consumption of Wealth. 3 hours. 3 credits. Offered 1, 2, 3.

An economic analysis of the problems involved in determining the extent and trends of consumer demand and in the adjustments of productive processes to that demand.

ES. 296.—Industry and Trade of Latin America. 3 hours. 3 credits. Offered 1.

The industrial importance of the several Latin American countries viewed in the light of their economic background. Attention is devoted to the development of the industries of each country, the volume and types of exports and imports as well as the trade practices and customs of these countries.

ES. 310.—Development of Modern Western Economy. 3 hours. 3 credits. Offered 1.

An analytical study of the economic development of Western Europe and of the United States from the Commercial Revolution to the decline of British dominance in the world economy.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

ES. 311.—Development of Modern Western Economy. 3 hours. 3 credits. Offered 2.

A continuation of ES. 310. From the incipient stage of U. S. leadership in the world economy to the present.

ES. 321.—Money and Banking. 3 hours. 3 credits. Prerequisite: ES. 205-206. Offered 1, 2, 3.

An introduction to the field of finance; a study of the institutions providing monetary, banking and other financial services; interrelationships and interdependence of financial institutions; central banking; government control of finance; significance of financial organization to the economic system as a whole.

ES. 327.—Public Finance. 3 hours. 3 credits. Prerequisite: ES. 205-206. Offered 1, 2, 3.

Principles governing expenditures of modern government; sources of revenue; public credit; principles and methods of taxation and financial administration as revealed in the fiscal systems of leading countries.

ES. 347.—Principles of Foreign Trade. 3 hours. 3 credits. Prerequisites: ES. 205-206. Offered 1, 2, 3.

Fundamental principles of foreign trade; significance of geographic, economic, social, and political influences; current practices and development in foreign trade; products of international commerce, protective tariffs and other barriers to world trade; tendencies in the foreign trade of the United States.

ES. 351.—Elements of Transportation. 3 hours. 3 credits. Prerequisite: ES. 205-206. Offered 1, 2, 3.

General survey of the significance, characteristics, and major problems of intercity transportation.

ES. 369.—Sample Surveys: Principles and Applications. 3 hours. 3 credits. Prerequisites: ES. 203—Elementary Statistics. Offered 1, 3.

The principles and applications of statistical sampling in business, industry and government; the advantages of large, small, random, and stratified samples; sampling procedures, tests, and designs in current use; sample surveys in operation, administration and costs.

ES. 372.—Labor Problems. 3 hours. 3 credits. Prerequisite: ES. 205-206. Offered 1, 2, 3.

Labor problems; insecurity, wages and income; hours, sub-standard workers, industrial conflict; attempts to solve labor problems by employees; unionism in its structural and functional aspects; attempts to solve labor problems by employers; personnel management, employee representation, employers' associations; attempts to solve labor problems by state; protective labor legislation, laws relating to settlement of industrial disputes.

ES. 382.—Principles of Resource Utilization (Identical with GPY. 382). 3 hours. 3 credits. Offered 2, 3.

A comprehensive review of the natural and human resources of the United States followed by an intensive study of the wise and wasteful practices of exploitation and utilization of these resources. A study of the human and economic significance of the principles of conservation with special reference to the South. Course designated to satisfy resource certification for social studies teachers.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

ES. 404.—Government Control of Business. 3 hours. 3 credits. Prerequisite: ES. 205-206. Offered 1, 2, 3.

The evolution of economic control; an examination of the effectiveness of *laissez faire* control in the American economy: legality of and chief methods of effectuating governmental control; the development of the relationship between government and non-public utility monopolies; Federal Trade Commission control of competitive practices; a critical appraisal of recent developments in the field of government control.

ES. 407.—Economic Principles and Problems. 3 hours. 3 credits. Offered 1, 2, 3. The first half of the course ES. 407-408. Prerequisite: ES. 205-206.

An advanced course in economic theory, dealing especially with the theories of production, price determination, and income distribution and their application to a selected list of current economic problems.

ES. 408.—Economic Principles and Problems. 3 hours. 3 credits. Offered 1, 2, 3.

The second half of the course ES. 407-408.

ES. 409.—Comparative Economic Systems. 3 hours. 3 credits. Offered 1, 3.

The economics of capitalism, socialism, communism, and fascism. The theoretical economics of capitalism, socialism, and communism and the actual economies of the United States, Soviet Russia, England, Nazi Germany, and Fascist Italy are compared on the basis of such matters as industrial production, agriculture, exchange, credit and banking, income distribution, the status of labor, and international trade. Marxian Socialism is also considered briefly.

ES. 421.—Advanced Money and Banking. 3 hours. 3 credits. Prerequisite: ES. 321. Offered 2.

A continuation of ES. 321, concerned with a critical study of the relationships between the Federal Reserve system, the money market, government finance, business fluctuations, and the internal and external value of money in the United States.

ES. 429.—Introduction to Business Cycles. 3 hours. 3 credits. Prerequisite: ES. 321. Offered 1, 2, 3.

An introduction to the principal theories of the business cycle including also a description of the various types of cycles and an examination of the important remedies that have been proposed.

ES. 441.—Financial Institutions and Fiscal Policies of Selected Latin-American Countries. 3 hours. 3 credits. Offered 2.

The courses will include a study of the public finances and the money and banking of each of the following countries: Mexico, Cuba, Colombia, Peru, Argentina, Bolivia, and Brazil.

ES. 449.—International Finance: Foreign Exchange. 3 hours. 3 credits. Prerequisites: ES. 205-206; and ES. 321. Offered 2, 3.

A study of the theoretical and practical aspects of foreign exchange.

ES. 453.—Transport Regulation. 3 hours. 3 credits. Prerequisite: ES. 351. Offered 2.

Analysis of the development and major problems of transport regulation.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

ES. 454.—Principles of Public Utility Economics. 3 hours. 3 credits. Prerequisite: ES. 205-206. Offered 1.

The nature, place and development of public service corporations; types of public control; valuation and rate making; regulation of service, accounts, reports, and securities; combinations; public relations; public ownership.

ES. 466.—Economic Statistics. 3 hours. 3 credits. Prerequisite: ES. 203. Offered 2.

The problem of time series; methods of measuring trend, seasonal and cyclical movements; index number construction and utilization; simple correlation; reliability and significance of commonly used statistical measures; business charts and graphs; brief consideration of business forecasting.

ES. 468.—Economic History in the Making. 3 hours. 3 credits. Offered 2.

The era of industrialism; contemporary economic organization; types of economic reform; special consideration of current social and economic problems in England, France, Germany, Soviet Russia, and the United States.

ES. 469.—Business Cycles and Forecasting. 3 hours. 3 credits. Prerequisite: ES. 203. Offered 1.

Mathematical and statistical theory of the relationships of important variables in the business cycle, such as profits, the price level, wages, national income, employment, savings and investment. Application of this theory to business forecasting and problems of governmental control.

ES. 475.—Wage Theory and Practice. 3 hours. 3 credits. Offered 2.

A study of the theoretical aspects of wages and wage determination and their relationship to production, distribution, and employment.

ES. 476.—Government in Relation to Labor. 3 hours. 3 credits. Offered 1, 2.

Factors influencing government's approach to labor problems; labor legislation; wages and hours laws; accident and safety problems; child labor control; government and collective bargaining; political actions of unions.

ES. 477.—Problems in Federal Finance. 3 hours. 3 credits. Prerequisite: ES. 327. Offered 1.

Economic effects of public expenditure; war finance; personal income and estate taxes; corporate income and profits taxes; excise taxes; debt problems.

ES. 478.—Problems in State and Local Finance. 3 hours. 3 credits. Prerequisite: ES. 327. Offered 2, 3.

Allocation of functional responsibility; property taxation; sales taxes; highway finance, business taxation; supervision of local finance. Emphasis on Florida problems.

ES. 483.—Geography of Transportation. 3 hours. 3 credits. Offered 2.

Patterns of world transportation by regions, routes and terminals—land, water, and air. Natural and cultural reasons for their development. Areas of traffic origination and termination; amounts and types of traffic carried. Economic and political significance of routes and commodity movements. Emphasis on U. S. national and international transportation routes and traffic with particular reference to Florida.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

ES. 485.—International Economic Relations. 3 hours. 3 credits. Offered 1.

The development of international economic policies; geographic, economic, social, and political factors underlying contemporary international problems; economic and political methods employed by the leading commercial nations to expand their economic interests.

Attention of Seniors is called to SCS. 491.—Masterpieces in the Social Sciences.

GRADUATE COURSES

Though no graduate major may be completed without adequate course work on the 500 level, certain undergraduate courses in economics are available for graduate credit as a part of a candidate's major. These are: ES. 421—Advanced Money and Banking; ES. 429—Introduction to Business Cycles; ES. 441—Financial Institutions and Fiscal Policies of Selected Latin-American Countries; ES. 449—International Finance; Foreign Exchange; ES. 453—Transport Regulation; ES. 454—Principles of Public Utility Economics; ES. 466—Economic Statistics; ES. 469—Business Cycles and Forecasting; ES. 475—Wage Theory and Practice; ES. 476—Government in Relation to Labor; ES. 477—Problems in Federal Finance; ES. 478—Problems in State and Local Finance; ES. 483—Geography of Transportation; and ES. 485—International Economic Relations.

ES. 502.—Comparative Economic Systems. 3 hours. 3 credits. Offered 2.

A critical analysis of the economic theories, problems, policies, and accomplishments of capitalism, socialism, the Soviet Russian economy, the British economy under partial socialism, and the fascist economies of Germany and Italy.

ES. 505.—The Development of Economic Thought. 3 hours. 3 credits. The first half of the course ES. 505-506. Prerequisites: ES. 407-408. Offered 1, 3.

Development of economic thought; analysis of theories of various schools of economic thought; a study of the Physiocrats, Mercantilism, the Classical Economics; the leading economists of the Austrian School, and a brief survey of the Beginning of Socialism; the development of theoretical background for research and graduate work of an advanced nature. Required of all candidates for the Master of Arts with a major in economics.

ES. 506.—The Development of Economic Thought. 3 hours. 3 credits. The second half of the course ES. 505-506. Prerequisite: ES. 505. Offered 2.

Analysis of the thought of the followers and defenders on the one hand and of the abler critics on the other hand of the Classical Economists; appraisals of recent contributions of the various schools in formulating a system of economic analysis. Required of all candidates for the Master of Arts with a major in economics.

ES. 508.—Present-day Schools of Economic Thought, Part I. 3 hours. 3 credits. Offered 1, 3.

The purpose of this course is to examine the main currents of contemporary American and English economic thinking with particular reference to the developments occurring between the two World Wars. The writings of Hansen, Mitchell, Clark, and Commons, in the United States, and of Keynes, Cole, Robinson, and Hobson in England will be examined.

ES. 509.—Present-Day Schools of Economic Thought, Part II. 3 hours. 3 credits. Offered 2.

Continuation of the study initiated in Part I.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

ES. 510.—The Development of the American Economy to 1860. 3 hours. 3 credits. Offered 1, 3.

A functional approach to the study of the economic development of the United States. World economic conditions that led to the settlement of America; the colonial period; the period of economic transition; the westward movement and the rise of a national economy; and economic causes of the Civil War.

ES. 511.—The Development of the American Economy—1860. 3 hours. 3 credits. Offered 2.

The development of the westward movement and the closing of the economic frontier. The development of a capitalistic economy and the trend toward economic and financial imperialism. Economic problems of the wars of 1914-18 and 1939-45, and postwar economic adjustments, domestic and foreign.

ES. 522.—Money, Prices, and Business Cycles. 3 hours. 3 credits. Prerequisite: ES. 321. Offered 2.

An analytical survey of the economic instabilities in capitalistic society, with emphasis upon forces operating to bring about changes in the general level of prices, including prices of productive agents, employment, and income.

ES. 537.—Imperfect Competition. 3 hours. 3 credits. Offered 2.

A comprehensive review of recent attempts to reconstruct economic theory in terms of "imperfect" or "monopolistic" competition.

ES. 543.—Theory of International Trade. 3 hours. 3 credits. Offered 2.

The historical and economic background of foreign trade; the theory of international trade; the fundamentals of international exchange; international commercial policies and international trade; exchange fluctuations and their control; the international monetary institutions.

ES. 545.—The Economy of Latin America. 3 hours. 3 credits. Offered 3.

A study of contemporary economic and commercial problems of Latin America. Attention will be given to current developments in production, transportation and trade of the various countries.

ES. 550.—Policies of Federal Transportation Commissions. 3 hours. 3 credits. Offered 2, 3.

Critical consideration of the policies of the Interstate Commerce Commission and the Civil Aeronautics Board.

ES. 551.—Transportation Policy. 3 hours. 3 credits. Offered 1.

Critical examination of the development, effects, and proposed improvements of general transportation policy, including regulation, promotion, taxation, and labor.

ES. 556.—Problems in Public Utilities. 3 hours. 3 credits. Prerequisite: ES. 454.

An intensive study of problems in the field of public utility industries, including types and techniques of public control, the problems of public utility rates, regulation of public service industries, public ownership, and public power projects.

ES. 561.—Risk and Risk-bearing. 3 hours. 3 credits.

A study of the nature of risk, its form and varied origin, its cost, and the methods of dealing with it in the efficient operation of business. Particular emphasis will be given to the economics of bearing, shifting, or eliminating risk through individual research upon special problems.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

ES. 569.—Problems in Statistics and Business Forecasting. 3 hours. 3 credits. Offered 1.

A critical study of special problems in statistics and business forecasting.

ES. 570.—Mathematical Economics—Part I. 3 hours. 3 credits. Offered 2.

This course is a mathematical treatment of the theory of static equilibrium in economics. It is based upon the works of Walras, Pareto, Schultz, Hicks, and others.

ES. 571.—Mathematical Economics—Part II. 3 hours. 3 credits.

Continuation of the study initiated in Part I.

ES. 572.—Organized Labor in the United States. 3 hours. 3 credits. Offered 1.

A study of the problems connected with the relationship of organized labor with itself, management, government, and the public—labor policy and public welfare.

ES. 574.—Labor Economics. 3 hours. 3 credits. Offered 2.

The seminar in wage theory has for its purpose an intensive and advanced study of the various theories of wage determination and the economic role of wages in the economy.

ES. 577.—Governmental Debt. 3 hours. 3 credits. Offered 2.

Influences and mechanisms for debt incurrence and retirement by federal, state, and local governments. Problems of debt use and abuse, regulations, area planning, and intergovernmental relations. Emphasizes case studies.

ES. 578.—Governmental Finance Administration. 3 hours. 3 credits.

Governmental finance critically examined according to administrative processes within and among governments; compares operating behavior of governments in managing revenue, expenditure, debt, budgets, records, and reports; appraises methods by policies implicit in administration.

ES. 579.—Fiscal Policy. 3 hours. 3 credits. Offered 1, 3.

Fiscal policy in relation to other means of control; opposing viewpoints as to proper scope of fiscal policy; the case for deficit spending; tax policy and economic stability; debt management; budgetary theory and practice.

ES. 585.—International Economic Relations. 3 hours. 3 credits. Prerequisite: ES. 407-408. Offered 2.

An historical study of the development of international economic policies; geographic, economic, social, and political factors underlying contemporary international problems; economic and political methods employed by the leading commercial nations to expand their economic interests.

ES. 591.—Neo-Classical Economics. 3 hours. 3 credits. (The first half of the course ES. 591-592.) Offered 1.

Analysis, criticism, and restatement of neo-classical price and production theories. Demand, supply, cost of production, and price determination under various conditions of the market will be considered. The writings of Marshall, Hicks, Boulding, Davenport, Stigler, Fellner, J. Robinson, and Chamberlin provide the background for the discussion.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

ES. 592.—Neo-Classical Economics. 3 hours. 3 credits. (The second half of the course ES. 591-592.) Offered 2, 3.

Analysis, criticism, and restatement of neo-classical theories concerning the distribution of income. Rent, interest, wages, profits, personal distribution, supplementary distribution, and noncapitalistic distribution will be considered. The writings of Marshall, Hicks, Cassel, Boulding, Pigou, Fisher, Douglas, Knight, Stigler, and Schumpeter provide the background for the discussion.

EDUCATION

Instructional Staff 1950-51

White, J. B., Head; Alexander, V. W., Anderson, C. E., Bamberger, F. E., Bingham, N. E.; Black, J. H., Bode, B. H., Boutelle, M. W., Browne, E. B., Camp, L. T., Cox, D. W., Cumbee, C. F., Durrance, C. L., Eggert, C. L., Fagin, W. B., Foster, C. R., Garris, E. W., Gray, L. A., Green, E. K., Henderson, L. N., Hilliard, P., Hines, V. A., Johns, R. L., Kidd, K. P., Laird, D. S., Leenhouts, L. N., Leps, J. M., Lewis, H. G., Loften, W. T., McCracken, J. M., McEachern, F. M., McLendon, I. R., Mase, D. J., Norman, J. W., Olson, C. M., Padgett, E., Simmons, G. B., Spache, G., Stripling, R. O., Tison, J. P., Watkins, L. E., Wattenbarger, J. L.; Wiles, K., Williams, W. R., Winn, C., Wofford, K. V.

EN. 105.—Aspects of Human Growth and Development. 3 hours. 3 credits. Offered 1, 2.

Human growth and development from birth and through adolescence. Knowledge of and characteristics of children and youth at each age or maturity level will be stressed. Laboratory periods are arranged for the observation of children and youth in many situations found in the school and community. An effort will be made to understand the scientific principles which underlie the growth of human beings.

EN. 106.—Aspects of Human Growth and Development. 3 hours. 3 credits. The second half of the course EN. 105-106. Offered 1, 2.

Selected units on mental health of late adolescence.

EN. 301.—Principles and Practices of the Secondary School Program. Class and laboratory. 3 credits. Upon advice of the counselor, EN. 301 and EN. 302 may be taken sequentially or concurrently. Offered 1, 2, 3.

Work will consist of readings, class discussions, observation and participation in school and community situations. Attention will be given to the scope, functions, and types of secondary school curriculums; contributions and techniques of the specific teaching fields; and theories of learning and growth.

EN. 302.—Principles and Practices of the Secondary School Program. Class and laboratory. 3 credits. Prerequisite or co-requisite: EN. 301. The second half of the course EN. 301-302. Offered 1, 2, 3.

EN. 303.—Methods in Vocational Agriculture. 3 hours. 3 credits. Offered 1, 2.

General methods of teaching vocational agriculture are studied.

EN. 305.—Development and Organization of Education. 3 hours. 3 credits. Offered 1, 2, 3.

The historical development of our schools is traced and the role of today's schools is considered in its broad economic, sociological and psychological significances.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EN. 306.—Vocational Education. 3 hours. 3 credits. Offered 1, 2, 3.

The development, function, and scope of vocational agriculture, home economics, trade and industrial education, and business education as provided for by the National Vocational Education Act of Congress.

EN. 307.—Children and Learning. 10 hours, and 15 hours laboratory. 15 credits. Open to second semester juniors and senior elementary majors with approval of the student's faculty counselor. Offered 1, 2.

Conducted with a staff and a coordinator, this course (1) acquaints the student with how children learn and how curriculum experiences contribute to learning; (2) provides him with study-work-study experiences in relating theories of learning to methods of teaching and children's activities in the classroom. Three days weekly are spent in seminars and laboratory situations to acquire knowledge and skills for working with children; two days a week are devoted to observation and participation in the P. K. Yonge and other schools for practical experiences. This course is prerequisite for elementary internship. No other course should be scheduled for the semester in which this is taken.

EN. 309.—Teaching of Secondary Mathematics. 3 hours. 3 credits. Prerequisite: MS. 105-106 or equivalent with an average grade not lower than C. Offered 3.

For students who plan to teach mathematics in grades 9-12. It includes a study of the basic concepts and skills that should be taught in algebra and geometry with emphasis on procedures and materials that have been shown to be effective in teaching these concepts and skills.

EN. 316.—Elementary Quantitative Methods in Education and Psychology. 2 hours of lecture and 3 hours laboratory. 3 credits. Offered 1, 2, 3.

Application of statistical processes and formulas to educational and psychological data are studied. Stress is laid on the interpretation of typical quantitative treatments of findings in psychology and education.

EN. 317.—Measurement and Evaluation of School Practices. 3 hours. 3 credits. Offered 2, 3.

Study is made of the basic principles and methods of measurement and evaluation of pupil learning in schools.

EN. 385.—Child Development. 3 hours. 3 credits. Offered 1, 2, 3.

Designed to acquaint the student with the growth and development of children into mature personalities. The findings of recent research will be studied through outside reading, class discussion and observation. Methods of evaluating child growth will be considered.

EN. 386.—Educational Psychology. 3 hours. 3 credits. Offered 1, 2, 3.

An understanding of the application of psychological principles to the educational process. It treats such topics as individual differences, principles of learning, transfer of training, and the nature of reasoning.

EN. 397.—Secondary School Curriculum and Instruction. 3 hours. 3 credits. Required. Prerequisites: EN. 241 or EN. 305, EN. 385, EN. 386 should be taken prior to or concurrently with the taking of EN. 397. Offered 1.

Basic curriculum concepts and general methods of teaching in the junior and senior high schools.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EN. 398.—Secondary School Curriculum and Instruction in the Major Subject Fields. 3 hours. 3 credits. Required unless the student takes a special methods course. Prerequisites: EN. 386 and EN. 397.

The adaptations of teaching methods to the student's major and minor areas of concentration. About half of the course is devoted to laboratory work in developing resource units in planned course sequences.

EN. 401.—The Teacher's Role in the Administrative Process. 3 hours. 3 credits. For seniors and graduates who do not expect to take graduate majors in school administration. It cannot be counted for credit by those taking such a major. Offered 2.

The administrative duties of the classroom teacher and his relationships to the various administrative officers of the school system.

EN. 403.—Philosophy of Education. 3 hours. 3 credits. Offered 2, 3.

A critical examination is made of various theories and philosophies of education, their relationships to the democratic principle, and their significance to the evolving system of education in the United States.

EN. 405.—The Practicum. 5 hours, and 30 hours laboratory. 15 credits. Consult the coordinator of the practicum after application is made. Offered 1, 2.

An adaptation of an internship plan. Replaces practice teaching. Heavily weighted with practical experiences with children; featured by work-study-work phases and special seminars. No on-campus courses may be taken during the internship semester. Students will be expected to live in the community in which they do their internship.

EN. 407.—Seminar in Elementary Education. 3 hours. 3 credits. Offered 1, 2, 3.

An effort will be made in the seminar (a) to develop a philosophy of education, (b) to understand the history and trends of education in Florida, (c) to consider the school as a social institution, and (d) to develop a code of ethics.

EN. 409.—Supervised Teaching in Vocational Agriculture. 9 hours laboratory. 3 credits. Prerequisites: EN. 301, 303, 306, 386. Offered 1.

Practical experience is offered in teaching young farmer and adult farmer classes in vocational agriculture. Under supervision, student teachers will assist in organizing and instructing classes which cater to adult learners.

EN. 410.—Supervised Teaching in Vocational Agriculture. 9 hours laboratory. 3 credits. Prerequisites: EN. 301, 303, 306, 386. Offered 2.

Under supervision, practice teachers will observe and teach in regular day classes for vocational agriculture in secondary schools in or near Gainesville.

EN. 411.—Adult Methods in Vocational Agriculture. 2 hours. 2 credits. Prerequisites: EN. 301, 303, 306, 386. Offered 1.

The organization, course content, and special methods of teaching young farmer and adult farmer classes.

EN. 412.—Course Organization in Vocational Agriculture. 2 hours. 2 credits. Prerequisites: EN. 301, 303, 306, 386. Offered 2.

The special procedures in organizing the course of study and in teaching regular day classes of vocational agriculture in the high school. Attention is also given to methods of directing Future Farmer activities.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EN. 418.—Audio-Visual Materials. 3 hours. 3 credits.

The techniques needed to provide better classroom utilization of the audio-visual aids to learning. As far as the class time permits, opportunity to develop skill in these techniques will be presented to students.

EN. 421.—Student Teaching. 6 or more hours of observation, participation and supervised teaching. 3 credits. Prerequisites for elementary education: EN. 385, 386, 471, 480; for secondary education: EN. 385, 386, 397, 398 or a special methods course. EN. 421 and 422 must be taken the same semester. Open only to students already registered under the old program. Student teaching will be performed in schools near Gainesville by all students in secondary education. All student schedules must be cleared one-half day for student teaching. Students assigned to the elementary grades must also clear one entire afternoon in the middle of the week for conferences. The maximum class load including student teaching is 15 hours. Offered 1, 2, 3.

After some directed observation and supervised planning of instructional units, the student is given practice in the art of teaching by actually taking over the instruction of a class under the guidance of a supervising teacher.

EN. 422.—Student Teaching. 6 or more hours of supervised planning and teaching. 3 credits. The second half of the course EN. 421-422. Prerequisites: same as for EN. 421. Offered 1, 2, 3.

EN. 423.—Theory and Practice in Teaching. 5 hours, and 30 hours laboratory. 12 or 15 credits. Consult Department Head for prerequisites. Offered 1, 2.

This course integrates important aspects of educational psychology, philosophy, methods, and curriculum principles. Heavily weighted with direct contacts with children and experiences in the work of the teacher. Emphasis on observation and participation in laboratory school, selected off-campus teaching centers, children's community activities; special investigations, community surveys, directed reading, seminars. Students taking special methods courses register for 12 hours; no other courses may be scheduled during semester.

EN. 426.—Principles and Practices for Teaching Handicapped Children. 3 hours. 3 credits. Prerequisite: EN. 105-106 or equivalent.

Consideration is given to "exceptional children" as commonly found in our public schools. All students particularly teachers will find answers to incidence, causes, diagnosis, agencies for referral, and recommended teaching procedures in respect to the blind, partially-seeing, deaf, hard of hearing, speech defective, crippled, special health problems, personality problems, mentally retarded and mentally superior.

EN. 427.—Administration and Supervision of Programs for Exceptional Children. 3 hours. 3 credits. Prerequisite: PSY. 312 or equivalent. Offered 3.

The principles of administering and supervising programs for the mentally and physically handicapped and for the mentally superior are considered. Attention is given to public school, private school, institutional, city, county and state programs for exceptional children.

EN. 428.—Materials and Methods for Teaching Slow Learners. 3 hours. 3 credits. Prerequisite: PSY. 312 or equivalent.

Programs will be constructed which will correlate skill subjects with the cores of interest. Curricular materials will be considered which can be used to teach mentally handicapped children at various maturation levels and in various situations.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EN. 429.—Methods of Teaching Crippled Children. 3 hours. 3 credits. Prerequisite: PSY. 312 or equivalent.

An analysis is made of academic difficulties and needs due to specific handicaps. Consideration is given to maintaining a "normal" school program for each child.

EN. 430.—Therapeutic Care of Crippled Children. 3 hours. 3 credits. Prerequisite: PSY. 312 or equivalent. Offered 3.

Attention is given to the interpretation of medical and psychological reports. Rehabilitation through physical education, physical therapy, and occupational therapy is considered. Vocational guidance is an important phase of the course.

EN. 471.—Problems of Instruction. 4 hours. 4 credits.

An opportunity will be given for studying curriculum practices and for developing plans for classroom experience.

EN. 480.—Teaching of Reading. 3 hours. 3 credits. Offered 3.

A comprehensive survey is made of the problems of teaching reading in all grades and practical procedures are set forth for attacking these problems.

EN. 482.—Planning for Improved Daily Living. 3 hours. 3 credits. Offered 3.

Study is made of the techniques of using Florida resources in the areas of arts and crafts, architecture, housing, interior decorating, and landscaping. Attention is given to developing understandings and appreciations of the fine arts, costume designing, health practices, and the more intimate human relationships.

COUNSELING SERVICES FOR GRADUATE STUDENTS

Graduate students are reminded that their registration is in the Graduate School.

Graduate students in Education are assisted in solving their problems of program planning and in the selection of courses of study by the Office of Graduate Studies in Education. It is the function of this office to induct new graduate students into the Department and to provide them with needed information. The office also recommends counselors and committee appointments to the Dean of the Graduate School.

The Office of Graduate Studies in Education confers with each student with reference to his choice of a degree program and his plans for meeting state certification requirements at the graduate level, and assists the student in evaluating his past work and in ascertaining his present needs.

Counseling activities are initiated in the Office of Graduate Studies, but the major responsibility for planning with the student is assigned to the faculty member appointed to serve as the student's personal adviser. This faculty member represents the field of the graduate student's principal specialization or interest.

COMPREHENSIVE EXAMINATION IN EDUCATION

All graduate students carrying programs in Education are required to undergo a comprehensive examination, the purposes of which are two-fold: (1) to provide additional data to be used in counseling and guiding students, especially in connection with planning programs adequate to meet their needs, and (2) to be one of the factors in determining the fitness of the student to pursue the doctoral program. A fee for the comprehensive examination is charged to each student doing graduate work in Education, payable at the time of registration with other fees. For the current year the fee is $6.00 ($10.00 for part-time students). At the present time, the examination used is the National Teacher Examination.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

FIELDS OF SPECIALIZATION

Most graduate students select a field of specialization which represents their major interest or goal in pursuing graduate work. Some of the courses which the student will select will be definitely essential to the development of this specialization; others will be intended to provide a general understanding and appreciation of the entire educational field, or they may be essential to the development of background necessary to the area of specialization.

Among the areas of specialization commonly selected are:

Administration and Supervision
Guidance and Counseling; Educational Psychology
Instruction in the Various Subject Fields
Elementary Education
Secondary Education
History and Philosophy of Education
Early Childhood Education
Junior College Education
Teacher Education

And such special areas as:

Industrial Arts Education
Agricultural Education
Business Education
Teaching of Exceptional Children
School Attendance

There are other areas of specialization which are occasionally chosen, depending upon the particular goal of the student.

It is often advisable for the graduate student to plan his program of study so that his work will not only qualify him for an advanced degree or a post-graduate certificate but will also enable him to secure specific certification in one of the fields in which the Florida State Department of Education requires certification before the individual can accept a position in the field. For example, it is necessary for a person working in the field of education to be certified in administration and supervision if he wishes to secure a principalship or a supervisory position. In order to secure such certification the candidate must complete studies in a number of fields which are specified by the State Department of Education.

It is one of the functions of the counselor to go over these problems with the individual graduate student so that a plan of work may be agreed upon which will promote, to as great an extent as possible, the varying purposes and goals of the student. It is the obligation of the student to acquaint his counselor with his goals and purposes so that this may be accomplished.

Recommended programs of study in some of the fields of specialization have been carefully worked out. The student should consult his counselor concerning these programs.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

GRADUATE COURSES

(For courses offered only in summer terms the student should consult the *Bulletin of the Summer Session.*)

Prerequisite: A student who expects to pursue graduate work in Education will normally present a Bachelor's degree with a major or minor in Education or the equivalent. (See also requirements for admission to the Graduate School and also requirements for admission to the Master of Education degree program.)

Students in the Master of Arts in Education program majoring in Education other than school administration and provided they have an undergraduate degree in Education, will normally be required to complete a major of twelve hours in Education and a minor or minors of twelve hours in another field or fields.

Students specializing in school administration or persons who hold a bachelor's degree without a major in Education will be required to complete a major of eighteen semester hours in Education.

EN. 500.—Research and Thesis Writing. No credit. Offered 1, 2, 3.

For candidates in the M.A.E. programs. Such topics will be considered as: methods of research, use of primary materials, problems of measurement, statistical analysis of research, the graphical representation of educational data, and the assembling and organization of materials for the thesis. All candidates for the Master of Education degree are invited to enroll for this course.

EN. 501.—Elementary School Curriculum. 3 hours. 3 credits. Offered 3.

A survey is made of the content and methods of the elementary school curriculum with special notice being given to the more important procedures as recommended by the better authorities. This course is primarily for those seeking to be principals or superintendents and for those desiring a knowledge of the elementary field in general.

EN. 502.—Curriculum and Teaching in Junior College. 3 hours. 3 credits. Offered 1.

Basic concepts of curriculum and curriculum construction. The conflicting theories of learning in relation to method. Critical evaluation of general, terminal, and technical education in American junior colleges. Guidance of learners, community surveys, resource materials in teaching, work experience in education, instructional aids, and evaluation.

EN. 503.—Measurement and Evaluation. 3 hours. 3 credits. Recommendation is made that EN. 316 be taken first. Offered 2, 3.

Students will be guided in the investigation of problems involving measurement, evaluation of school procedures and diagnostic and remedial practices. Problems directly related to the needs of students enrolled will be studied.

EN. 504.—Practicum in College Teaching. 12 or more hours of observation, planning, seminars, and teaching. 6 credits. Offered 1, 2.

The student is under the joint supervision of a master teacher and the Graduate School of the University. He observes, plans, works in seminars, and teaches for one semester or its equivalent. No in-service employee of a college or university regularly performing his duties may count such work in this course. No previous teaching experience may be used as a substitute for all or part of this course. Students who participate in college teaching in institutions too remote for commuting probably will be unable to carry any other courses.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EN. 505.—The Thinking Process. 3 hours. 3 credits. Offered 1.

The thinking process for the purpose of tracing its implications for educational theory and classroom practice.

EN. 506.—Introduction to Audio-Visual Materials. 3 hours. 3 credits. Offered 1, 2, 3.

The techniques needed to provide better classroom utilization of the audio-visual aids to learning. As far as the class time permits, opportunity to develop skill in these techniques will be presented to students.

EN. 507.—Advanced Educational Psychology. 3 hours. 3 credits. Offered 1, 2, 3.

The trends in the application of psychology to problems of education will be made. Problems directly related to the needs of students enrolled will be studied.

EN. 508.—The Educational Philosophy of John Dewey. 3 hours. 3 credits. Offered 1, 2, 3.

The more important trends in present-day education. Reference will be made to the philosophical and the psychological theories which constitute the background of these theories and which serve to explain the divergencies.

EN. 509.—Teaching Science in the Elementary School. 3 or 6 hours. 3 or 6 credits. Prerequisite: GL. 301, or equivalent, and teaching experience; or permission of instructor. Offered 1, 3.

The place of science in the elementary school, the scientific approach, science experiences appropriate for elementary school pupils, preparation of scientific materials for use in elementary school classrooms, new developments in teaching science in elementary schools.

EN. 510.—History of Education. 3 hours. 3 credits. Offered 1, 2, 3.

Attempt is made to evaluate present-day education by tracing back to their beginnings such dominant factors as the teacher, the curriculum, the school plant, and the sources of support and control for schools. Present trends and probable future developments are considered.

EN. 511.—The History and Development of Agricultural Education. 3 hours. 3 credits. Offered 1.

The history of agricultural education will be traced from its beginning in other countries to the present program in the United States. Each student will write a term paper on some phase of the history of the teaching of agriculture.

EN. 512.—Philosophy and Administration of Vocational Education. 3 hours. 3 credits. Offered 2.

The basic principles for administering a program of vocational education on a national, state, and local level. Each student will be required to write a term paper.

EN. 513.—The Organization and Administration of Guidance and Personnel Programs in Secondary Schools. 3 hours. 3 credits. Offered 2, 3.

The aim of the course is to help teachers and administrators, who are not specialists in guidance, to do better the guidance work for which they are responsible. No one aspect will be studied in detail.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EN. 515.—Mental Health in the Classroom. 3 hours. 3 credits. Offered 2, 3.

Designed to assist teachers (a) in the personal development of healthy mental attitudes and behavior, (b) in securing techniques to help children in developing normal attitudes and behavior, and (c) in acquiring techniques to assist children who deviate from the normal in attitudes and behavior.

EN. 516.—The Junior High School Program. 3 hours. 3 credits. Offered 1, 3.

Teachers, principals, and supervisors are given an opportunity to analyze and evaluate the curriculum offerings in the modern junior high school. Emphasis will be placed on developing a school program to meet the needs of early adolescents.

EN. 517.—Educational Statistics. 3 hours. 3 credits. Offered 2.

Statistical methods as applied to educational data and problems are systematically studied. Prerequisite: EN. 316 or an equivalent course or the approval of the instructor.

EN. 518.—Organization and Administration of Secondary Schools. 3 hours. 3 credits. Offered 1, 2, 3.

The varied duties of principals in junior high schools, senior high schools, and junior colleges are comprehensively studied.

EN. 519.—Foundations and Problems of Curriculum Construction. 3 hours. 3 credits. Prerequisite: EN. 527 or equivalent. This is a basic course for graduates doing major work in the Instruction or Guidance fields. Offered 1, 3.

Topics such as the following are studied in this course: conflicting viewpoints in curricular practice, the relationship of pupil maturity to curriculum development, implications of the guidance emphasis, approaches to writing courses of study, reorganizing the program of studies, developing core courses, planning the co-curricular and extra-curricular programs. Each student will present a discussion of some curriculum problem.

EN. 520.—Laboratory Workshop in Curriculum Development. 6 or 12 hours of laboratory work. 3 or 6 credits. Prerequisite: EN. 527 or equivalent. Prior taking of EN. 519 is recommended. Offered 2, 3.

Each student will be expected to survey the research and best thinking on practices in the subject fields upon which he works in the laboratory. He will spend most of his time developing resource units for teaching and writing courses of study.

EN. 521.—Public School Business Administration and Finance. 3 hours. 3 credits. Offered 2, 3.

Included in the scope of this course are the following areas: state, local, and federal financing of education; school financial records and reports; the preparation and administration of budgets; purchasing procedures; the issuance and sale of school securities.

EN. 522.—Educational Organization and Administration. 3 hours. 3 credits. Offered 1, 3.

The basic course in school administration. It includes the following areas: Federal, state and local relationships and functions; systems of educational organization in the United States; duties of superintendents, board members, principals and trustees; the organization of local school units; and the interrelationships of teachers, administrators and supervisors.

EN. 523.—Educational Organization and Administration. 3 hours. 3 credits. The second half of the course EN. 522-523. Offered 3.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EN. 524.—Organization and Administration of Elementary Schools. 3 hours. 3 credits. Offered 1, 3.

The organization of the elementary school in the light of its purposes and functions is studied. The duties of the school principal are considered in their broad applications to elementary school problems.

EN. 525.—The Community School. 3 or 6 hours. 3 or 6 credits. Offered 1, 2.

To help the student acquire an understanding of the philosophy and purposes of the community school, a knowledge of the best community school practices, and to plan for developing a community school.

EN. 526.—Problems of School Attendance Service. 3 hours. 3 credits.

For attendance assistants with emphasis on problems of (1) reporting, study, diagnosis and treatment of typical attendance problem cases, (2) relationships with the home, school and community and (3) the legal and child labor aspects of attendance.

EN. 527.—Secondary School Curriculum. 3 hours. 3 credits. Offered 3.

This course is the graduate counterpart of EN. 397, but students are expected to carry out an individual project in addition to studying about general methods of teaching in high schools. Students who have taken EN. 397 or its equivalent will not receive credit for taking EN. 527.

EN. 528.—Teaching the Major Subjects in Secondary Schools. 3 hours. 3 credits. Students who have had EN. 398 or a special methods course in the academic areas should not register for this course.

Study is made of the special methods of instruction in two of the four subject areas commonly known as English, mathematics, science, and social studies. Each student will do practical laboratory work in planning two course sequences and in writing instructional plans for several units in each course.

EN. 529.—Florida Workshop: Cooperating Schools Division. 6 hours. 6 credits.

This workshop is designed to provide an organization, materials, and assistance for principals and teachers of the cooperating schools in the Florida Program for Improvement of Instruction. Participants will be responsible for the production of programs that can be used in their school situations. Membership is limited to the faculties of the cooperating schools.

EN. 530.—Individual Work. Variable credit; maximum 6 credits. Offered 1, 2, 3.

This course is provided for advanced students who wish to study individual problems under faculty guidance. Before a student registers for this course he must submit in writing to the coordinator of the course, a statement of a proposed problem. The forms for this purpose are available in the office of Graduate Studies in Education.

EN. 531.—Laboratory in Child Study. 3 credits. Offered 2.

This is an in-the-field laboratory course in child study open only to teachers working with children at the time of enrollment in the course.

It is designed to assist the teacher (1) to get a better understanding of the factors which influence the behavior of children, and (2) to acquire specific techniques for the study and analysis of individual behavior. Part of the work will be done on campus, but the laboratory work will be done in the local schools under the direction of the instructor of the course.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EN. 532.—Laboratory in Child Study. 3 credits. Prerequisite: EN. 531. Offered 2.

A continuation of EN. 531.

EN. 533.—Problems in Teaching Science in Senior High Schools and Junior Colleges. 3 or 6 hours. 3 or 6 credits. Prerequisite: Graduate standing or teaching experience. Offered 2, 3.

Recent developments in the sciences and their implications for high school and junior college teaching; new techniques of teaching; current problems in teaching science in secondary schools and junior colleges.

EN. 535.—Fundamentals of Educational Supervision. 3 hours. 3 credits. Offered 1, 3.

The functions of supervisory officers related to improving instruction are critically reviewed in their backgrounds of educational purposes and the organization of school systems. Introductory consideration is given to the use of various supervisory devices and procedures in elementary and secondary school situations.

EN. 536.—Methods and Problems of Educational Supervision. 3 hours. 3 credits. Offered 2, 3.

Critical study is made of supervisory practices as applied to typical instructional problems. Methods of evaluating the effectiveness of instruction and methods used to improve instruction are appraised.

EN. 537.—Supervision of Student Teaching and Internships. 3 or 6 hours. 3 or 6 credits. Offered 2.

Designed to help teachers who supervise student teachers or interns. Those who have a good background in the field of supervision will occasionally be admitted for 3 hours credit; all others 6 hours.

EN. 538.—Evaluation of the Secondary School Program. 3 hours. 3 credits.

Designed primarily to assist the secondary school principal and his staff in the systematic evaluation of their school program. The Evaluative Criteria for Secondary Schools and the procedures used by the Southern Association of Colleges and Secondary Schools will be used as a primary basis for work in this course.

EN. 539.—Teaching Exceptional Children. 3 hours. 3 credits. Offered 1, 3.

Study is made of methods of finding, diagnosing, and educating children who find difficulty in adjusting to the usual public school environment.

EN. 540.—Socio-Economic Foundations of Education. 3 hours. 3 credits. Offered 1, 2, 3.

The socio-economic bases for education are comprehensively surveyed.

EN. 541.—Problems in Educational Psychology. Variable credit to maximum of 6. Offered 1, 2, 3.

Individualized study is made of problems dealing with child development, adolescence, learning, and other areas of educational psychology.

EN. 542.—Problems in Evaluation of Pupil Development and Learning. Variable credit to maximum of 6.

Individualized study is made of problems of particular interests to students in the field of measurement and evaluation.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EN. 543.—Vocal Music in the Elementary School. Minimum 2 credits. Offered 1.

An in-service training course open only to vocal music teachers. The purpose is to give graduate in-service training to persons actually engaged in vocal music teaching. Those who register in this course will attend planned conferences during the year and will be required to engage in research work under the supervision of the Director of the Division of Music for the entire year.

EN. 544.—Legal Phases of Public School Administration. 3 hours. 3 credits. Offered 2, 3.

The legal status of the schools in the United States will be studied. Special emphasis will be given to Florida conditions, school laws, constitutional provisions, judicial decisions, Attorney General's rulings, and regulations of the State Board of Education. Students will be required to prepare a term report dealing with some special field of school law. Only graduate students with experience in administration and supervision will be admitted.

EN. 545.—Modern Practices in Elementary Education. 3 or 6 hours. 3 or 6 credits. Students who enroll in a 3 hour course may not enroll in the 6 hour courses offered in the summer session; they may enroll for the first and second semesters and thus secure 6 credits. Offered 1, 2, 3.

This is an orientation course for all majors in graduate work in elementary education. Emphasis is placed on modern school curriculum practices and on child development as it is related to learning.

EN. 546.—Vocal Music in the Secondary School. 2 credits. Offered 1.

An in-service training course open only to vocal music teachers. The purpose is to give graduate in-service training to persons actually engaged in vocal music teaching. Those who register in this course will attend planned conferences during the year and will be required to engage in research work under the supervision of the Director of the Division of Music for the entire year.

EN. 547.—Problems in Elementary Education. 3 or 6 hours. 3 or 6 credits. Students who enroll in a 3 hour course may not enroll in the 6 hour courses offered in the summer session; they may enroll for the first and second semesters and thus secure 6 credits. Offered 1, 2, 3.

The principles and practices of elementary school education are studied by the problem approach. The area of social learnings will be stressed.

EN. 548.—Orchestra Music in the Public Schools. 2 credits. Offered 1.

An in-service training course open only to instrumental music teachers. The purpose is to give graduate in-service training to persons actually engaged in instrumental music teaching. Those who register in this course will attend planned conferences during the year and will be required to engage in research work under the supervision of the Director of the Division of Music for the entire year.

EN. 549.—Band Music in the Public Schools. 2 credits. Offered 1.

An in-service training course open only to instrumental music teachers. The purpose is to give graduate in-service training to persons actually engaged in instrumental music teaching. Those who register in this course will attend planned conferences during the year and will be required to engage in research work under the supervision of the Director of the Division of Music for the entire year.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EN. 550.—Workshop in the Language Arts in the Secondary School. 6 hours. 6 credits. Offered 3.

Gives opportunity to principals, supervisors, graduate students, and in-service teachers to work on their own problems at the various levels in grades 7 through 14. Present trends, basic principles, methods, and materials will be considered.

EN. 551.—Florida Workshop: Principals' Division. 6 hours. 6 credits.

Open to a limited number of secondary school principals upon application to the Dean of the College of Education. This course is designed to acquaint principals with current principles and objectives of education and curriculum program basic to an improved school program.

EN. 555.—Florida Workshop: Bulletin Series Division. 6 hours. 6 credits.

This course is designed to provide an organization, materials, and assistance for a group of principals and teachers engaged in the preparation of bulletins for professional and lay groups for use in the Florida Program for the Improvement of Instruction. Membership is limited to a selected group.

EN. 556.—Florida Workshop: Bulletin Series Division. 6 hours. 6 credits.

A continuation of EN. 555.

EN. 557.—Research on Administrative and Supervisory Problems, I. 3 hours. 3 credits. Offered 1.

Committees will study special problems in school organization and administration for Florida and other southern states and reports will be prepared in the nature of recommended handbooks or manuals for use in the states concerned. The fields in which handbooks will be prepared will include the following: continuity of service and ethics for the instructional staff, school transportation, school plant operation and maintenance, textbook administration, responsibilities and relationships of the county board, school trustees, duties of the county superintendent, responsibilities and relationships of principals, the layman's relationship to the school.

EN. 558.—Research on Administrative and Supervisory Problems, II. 3 hours. 3 credits. Offered 2.

A continuation of EN. 557.

EN. 562.—Principles of Pupil Guidance. 3 hours. 3 credits. Offered 1, 2, 3.

This course is similar to EN. 462, except that students carry out an individual guidance project in addition to their survey of guidance principles and practices in schools. Those who have had an introductory course in guidance should take EN. 563 as their second course in the field.

EN. 563.—Techniques in Guidance and Counseling. 3 hours. 3 credits. Prerequisite: EN. 562 or an equivalent course or the approval of the instructor. Offered 1, 2, 3.

Experience is given in the use of measuring instruments useful in guidance; counseling techniques are carefully considered; the keeping and use of records are examined; and the functions of a guidance specialist are studied.

EN. 564.—Occupational Information for School Personnel. 3 hours. 3 credits. Offered 2.

Methods of studying occupations; courses of information concerning employment conditions, job requirements, training facilities, occupational trends; evaluation of occupational literature; use of occupational information in counseling.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EN. 565.—Problems in Agricultural Education. 3 hours. 3 credits. The first half of course EN. 565-566. Offered 1.

For graduate students who are qualified to select and pursue advanced problems. Problems will be selected to suit individual needs and the results of the study will be reported in the form of term papers. The class will meet for three hours every other Saturday during both semesters.

EN. 566.—Problems in Agricultural Education. 3 hours. 3 credits. Seminar. The second half of course EN. 565-566. Offered 2.

EN. 567.—Supervised Farming Problems in Agricultural Education. 3 hours. 3 credits.

The course will cover the essential problems in planning and supervising programs of supervised farming as required in the text of the Smith-Hughes Act. Individual problems will be selected and their solutions reported in the form of term papers.

EN. 568.—Building, Equipment and Supplies for Vocational Education. 3 hours. 3 credits.

Each student will be expected to study the needs of a given community and plan the physical facilities. The plans will include floor plans for the building and the equipment, reference materials, and supplies needed for each room or phase of the teaching program.

EN. 570.—Problems in Classroom Teaching. 3 credits. Offered 2.

An in-service training course open only to classroom teachers. It is designed for the purpose of giving graduate on-the-job training to persons actually engaged in classroom teaching. Those who register in this course will attend planned conferences during the year in addition to engaging in a continuous work program under the direction of the coordinator of the conference.

EN. 571.—Adult Education in Agriculture. 3 hours. 3 credits.

Adult education instruction in vocational agriculture, according to the Smith-Hughes Act, is a requirement of every teacher. Problems of organizing and conducting adult programs are considered. A local problem facing each teacher will be formed for the basis of a term paper.

EN. 572.—Preparing Course Materials and Community Programs in Agriculture. 3 hours. 3 credits. Offered 3.

Basic principles will be considered that each teacher should consider in preparing his course of study. The same procedure will be followed in designing other types of community programs. Each student will be required to prepare a course of study and an agricultural community program for his locality and submit them as term papers.

EN. 573.—The Supervision of Vocational Education. 3 hours. 3 credits.

Designed to acquaint the student with the various national, state, and local supervisory problems, and suggest plans for solving them. A term paper will be required.

EN. 575.—Modern Trends in the Teaching of Reading. 3 hours. 3 credits. Offered 1, 3.

To help teachers on all grade levels to understand the purposes of teaching reading, to know the specific skills and attitudes which should be developed, and to become acquainted with the techniques of teaching them.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EN. 576.—Laboratory in Corrective Reading. 3 hours. 3 credits. Prerequisites: EN. 575, or equivalent, or concurrently with EN. 576. Offered 2, 3.

Intensive study is made of the diagnosis, correction, and prevention of reading difficulties. Application of the principles studied will be made in work with individuals and selected groups of children. This course deals with both elementary and secondary school reading problems.

EN. 577.—Problems in Reading. 3 hours. 3 credits. Prerequisites: EN. 575, 576, or equivalent. Offered 2.

Specific reading problems such as those encountered in the classroom situation will be selected for exhaustive study by individuals or small groups. Deals with the teaching of reading on any grade level.

EN. 578.—Language Arts in the Elementary School—Skills. 3 hours. 3 credits. Offered 1, 3.

The latest trends and practices in the teaching of reading, oral and written expression, handwriting and spelling.

EN. 579.—Methods and Materials in Secondary Mathematics. 2 hours and 2 hours laboratory. 3 credits. Offered 3.

Designed for helping the teachers of junior and senior high school mathematics classes to obtain and use materials for the enrichment of their teaching. Teachers will actually construct and assemble materials for their classes. Topics such as the following will be included: simple field problems in surveying, construction and use of slide rule, navigation problems, examination of films and filmstrips, construction of resource units.

EN. 580.—Workshop in Economic Education. 3 credits. Offered 3.

A workshop for teachers of social studies, business education and related fields, and for supervisors and administrators. Its purposes are: (1) to increase understanding of our national economy by a study of fundamental principles and concepts, (2) to make plans for more and better teaching of economic understandings in the elementary and high schools. The work will be directed jointly by specialists in economics and in education.

EN. 581.—Teaching in Small Schools. 3 hours. 3 credits. Offered 3.

To assist teachers and supervisors of small schools of less than six teachers where there are special problems.

EN. 582.—Group Study of Selected Problems in Special Fields of Study. 3 or 6 credits. Offered 1, 2.

This course is designed to assist teachers in single schools, groups of schools, or county systems interested in improving certain subject areas or working on selected problems within the system. The area, the field, or the problem which a teacher group wishes to study will have to be submitted for approval. Part of the work will be on campus, but the laboratory work will be done in the local schools under the direction of the coordinator of the course.

EN. 583.—Theories of Mind (Conflicting Psychologies of Learning). 3 hours. 3 credits. Open to graduate students and members of the University faculty who care to enroll. Offered 2.

The improvement of college and high school teaching.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EN. 584.—Education for Young Children. 3 or 6 credits. Offered 1, 3.

A course designed to assist teachers of children of pre- and early school age. It will include such topics as the following: What young children are like; curriculum experiences to meet the needs of young children; methods and materials in the education of young children; reports and records; working with parents.

EN. 585.—Workshop in Junior College Education. 3 or 6 hours. 3 or 6 credits. Offered 3.

Problems of administrators, teachers, and other professional workers in junior colleges are considered. This course is designed for selected groups of in-service personnel concerned with junior college and general education programs. Registration is limited to the particular group concerned.

EN. 586.—Research and Evaluation of the Elementary School. 3 or 6 credits. Offered 1.

This course will emphasize both theory and practice in the study of the elementary school. Total faculties of elementary schools will be encouraged to enroll in the course. Some class work will be done on campus but the laboratory work will be in the local schools studied.

EN. 587.—Practicum in Supervision. 12 to 15 credits. Prerequisites: EN. 535 and EN. 536 or permission of instructor. Offered 1, 2.

An internship in supervision characterized by study-work-study phases. Students will be assigned to select appropriate supervisory units in terms of their vocational goals for practical experiences, but will return to the College of Education at regular intervals for seminars. The practical experiences will be supervised by instructors from the College of Education.

EN. 588.—Language Arts in the Elementary School—Creative Expression. 3 hours. 3 credits. This course satisfies the requirement for certification in the elementary school Area II. Offered 2, 3.

Emphasis in this course will be placed upon the literature for young children and the arts related to it. These arts will include illustrations, puppetry and other dramatic forms, story telling, creative writing, and evaluation and study of children's books in terms of their interests and needs.

EN. 590.—Problems in School Administration and Supervision. 3 credits. Offered 1, 2, 3.

This course is an in-service training course open only to county superintendents of education and to county and state supervisors. It is designed for the purpose of giving graduate on-the-job training to persons actually engaged in administration and supervision. Those who register in this course are expected to spend nine days in residence at the University campus for each three hours of credit. Residence will consist of three days of work conferences called periodically during the year for the purpose of conducting research on specific problems in administration and supervision.

EN. 591.—Problems in School Administration and Supervision. 3 credits. Continuation of EN. 590. Offered 1, 2, 3.

EN. 592.—Problems in School Administration and Supervision. 3 credits. Continuation of EN. 590. Offered 1, 2, 3.

EN. 593.—Problems in School Administration and Supervision. 3 credits. Continuation of EN. 590. Offered 1, 2, 3.

EN. 594.—Problems in School Administration and Supervision. 3 credits. Continuation of EN. 590.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EN. 595.—Problems in School Administration and Supervision. 3 credits. Continuation of EN. 590.

EN. 596.—Problems in School Administration and Supervision. 3 credits. Continuation of EN. 590.

EN. 597.—Problems in School Administration and Supervision. 3 credits. Continuation of EN. 590.

EN. 598.—Problems in School Administration and Supervision. 3 credits. Continuation of EN. 590.

EN. 599.—Problems in School Administration and Supervision. 3 credits. Continuation of EN. 590.

EN. 600.—School Survey, I. 3 hours. 3 credits. Offered 1.

Study is made of school survey techniques and their application. Long-term planning of educational programs is emphasized. Field experience in school surveys will be made available to students taking the course.

EN. 601.—School Survey, II. 3 hours. 3 credits. Offered 2.

This is a continuation of EN. 600.

EN. 602.—The School Plant: Its Planning, Operation, and Maintenance. 3 hours. 3 credits. Offered 2, 3.

Planning of building programs and the planning of school buildings in relation to instructional needs is studied. Special attention is given to the maintenance, operation, and utilization of school plants.

EN. 603.—School Transportation. 3 hours. 3 credits. Offered 3.

A study is made of the organization and administration of transportation services for school children. Consideration is given to the routing of school buses, transportation safety standards, and the organization and administration of publicly owned systems of transportation.

EN. 604.—Techniques of Research. 3 hours. 3 credits. This is a required course for all students working for the Ed.D. degree. Offered 1.

Training is given in identifying research problems, selecting and organizing useful means for research, methods of gathering data, procedures for analyzing and treating data, and best practices for interpreting and reporting observed phenomena.

EN. 605.—Group Process in Education. 3 hours. 3 credits. Offered 1.

Opportunity is provided to gain experience in group organization, planning and evaluation, and to develop skills in group leadership and participation, recording, observing role playing, and interpretation of group interaction. Special attention is given to group work in the classroom and staff meetings. Open to in-service teachers, administrators, community leaders, and others with the permission of the instructor.

EN. 606.—Supervised Practice in School Administration. 3 hours. 3 credits. Only advanced graduate students are permitted to enroll for this course.

Students are given opportunity to perform administrative duties under supervision.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EN. 607.—Administration of Teacher Personnel. 3 hours. 3 credits. Offered 2.

Consideration will be given such problems as human factors in school administration; teacher morals; selection, placement, and evaluation of teachers; employment of home-talent and married women teachers; legal aspects of personnel administration; salary-schedule construction; teacher participation in formulating administrative policies; teacher welfare; teacher absences, and the substitute teacher; teacher load and class size; and techniques for improving the teaching personnel in-service.

EN. 608.—Administration of Pupil Personnel. 3 hours. 3 credits. Offered 1, 3.

This course deals with techniques of child accounting and of providing pupil personnel services. Attention will be given to such problems as the school census, child labor laws, compulsory education laws, attendance problems, causes of non-attendance, the visiting teacher, pupil records—current and cumulative, teacher reports to principals on pupil personnel, reporting pupil progress to parents, age-grade studies, school marks, school adjustments to meet individual needs, classification and promotion of pupils.

EN. 609.—The Administration of Junior Colleges. 3 hours. 3 credits. Offered 2.

Considers the educational policies, functions, and practices in the administration of higher institutions, and particularly the community junior college in its relation to the secondary education and continuing education programs. The relation of administration to the guidance program is stressed; also, the guidance, placement, and follow-up phases of student personnel programs in typical higher institutions.

EN. 610.—The Work of the Director of Curriculum and Guidance. 3 hours. 3 credits.

The duties of directors of curriculum and guidance are examined from the standpoint of their administrative, coordinative, supervisory, and research aspects.

EN. 611.—Individual Study in Curriculum and Guidance. 3 hours. 3 credits. Offered 1, 2.

Each student in the course is expected to work under the instructor's supervision on a practical problem of substantial scope in the fields of curriculum, guidance, or both.

EN. 612.—Moral Ideals in Education. 3 hours. 3 credits. Offered 1.

A consideration of types of moral ideals, of the relation of moral values to school subjects, and of the question of direct and systematic moral instruction in the schools.

EN. 613.—Contemporary Educational Theories. 3 hours. 3 credits. Offered 2.

A critical study is made of the nature of experience, the nature of social inheritance and institutions, the place of the individual in society, the socialization process, social controls, types of societies, and the ends sought by education.

EN. 614.—Seminar in Secondary Education. 3 or 6 hours. 3 or 6 credits. Offered 2, 3.

Primarily for majors in secondary education or secondary school administration.

EN. 615.—Program and Functions of Teacher Education Institutions. 3 credits. Offered 1, 3.

For the college teacher who expects to serve on the faculty of a teacher education institution. Emphasis on significance, organization, problems of teacher education programs; types of students, patterns of curricula, functions of staff, significant organizations and agencies, and special studies.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EN. 637.—Problems of the Intern and the Directing Teacher. 3 or 6 hours. 3 or 6 credits. Offered 3.

Problems such as the organization of the school curriculum, modern methods of teaching, ways of working democratically with children, community participation, and the appraisal of learning are analyzed, and solutions to such are developed.

EN. 640.—School and Society. 3 hours. 3 credits. Offered 1, 3.

Provides a social and philosophic frame of reference through a rigorous study of the society in which education takes place and of the implications of this society for the functioning of the school. Conducted on a seminar basis. Limited to students in the sixth year program of teacher education and candidates for the doctor's degree in education.

EN. 675.—The Core Program in the Secondary School. 3 hours. 3 credits. Offered 2, 3.

A program for teachers who are interested in learning how to work effectively in schools which utilize the core curriculum type of organization.

EN. 685.—Seminar in General Education for Colleges. 3 or 6 hours. 3 or 6 credits. Students will be expected to take full time work on campus in either the 3 or 6 hour unit. Offered 2, 3.

This is an advanced course designed to acquaint the student with the several aspects of general education programs in higher institutions, including junior colleges. Investigation of forces contributing to the general education movement, of the characteristics and needs of the "new student," of objectives of general education, of types of courses and programs, of the content of courses, and of similar related problems will be features of the seminar. The student will have opportunities to observe in the University College one of America's older and more successful general education programs in action.

ELECTRICAL ENGINEERING

Instructional Staff 1950-51

Pumphrey, F. H., Head; Drake, C. W., Fagen, W. F., Harman, W. W., Harris, L. A., Ho, E. C., Johnson, J. S., Johnson, W. E., Latour, M. H., Lear, W. E., Nelson, P. H., Owen, H. A., Peet, J. C., Rackley, B. T., Sampson, R. W., Sashoff, S. P., Schoonmaker, L. E., Schrader, G. F., Smith, E. F., Thurston, J. N., Webb, B., White, D. C., Wilson, J. W.

EL. 211.—Introduction to Electrical Engineering. 3 hours. 3 credits. Corequisites: PS. 208, MS. 354. Offered 1, 2, 3.

Basic knowledge of fundamentals of electric, magnetic, and dielectric circuits.

EL. 341.—Elements of Electrical Engineering. 3 hours. 3 credits. The first half of the course EL. 341-342. Prerequisites: MS. 354, PS. 206, PS. 208. Offered 1, 2.

For engineering students not majoring in electrical subjects.

Electric and magnetic circuits; electrostatics; electromagnetics; d-c machinery; representation of alternating currents by vectors and complex quantities; measurement of power in single phase and polyphase circuits; generation; transmission; and utilization of electrical energy; characteristics of a-c machinery; selection; testing; and installation of electrical equipment.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EL. 342.—Elements of Electrical Engineering. 3 hours. 3 credits. The second half of the course EL. 341-342. Offered 1, 2, 3.

EL. 343.—Elements of Electrical Engineering. 3 hours. 3 credits. Prerequisites: MS. 354, PS. 206, PS. 208. Offered 1, 2.

For students majoring in Civil Engineering. The course covers as much of the power field of Electrical Engineering as possible within the allotted time, including electric and magnetic circuits, theory and application of direct and alternating current machines, illumination and wiring problems.

EL. 345.—Electrical Illumination. 2 hours, and 3 hours laboratory. 3 credits. Prerequisite: Approval by instructor. Offered 2.

Illumination, light sources, light control, application, circuits and wiring, control equipment, floodlighting.

EL. 346.—Elementary Electronics. 3 hours and 3 hours laboratory. 4 credits. Prerequisite: EL. 361. Offered 2, 3.

Basic principles of electron-tubes and electron-tube circuits, vacuum tubes as circuit elements, amplifiers. Classroom and laboratory examples taken from the fields of telephone and radio communications, and electronic instrumentation.

EL. 349.—Dynamo Laboratory. 3 hours laboratory. 1 credit. The first half of the course EL. 349-350. Corequisite: EL. 341. Offered 1, 2.

A laboratory course for engineering students not majoring in electrical subjects. Experimental studies and tests of direct and alternating circuits and apparatus.

EL. 350.—Dynamo Laboratory. 3 hours laboratory. 1 credit. The second half of the course EL. 349-350. Corequisite: EL. 342. Offered 1, 2, 3.

EL. 361.—Electric Circuits. 3 hours, and 3 hours laboratory. 4 credits. The first half of the course EL. 361-362. Corequisite: EL. 363. Prerequisite EL. 211. Offered 1, 2.

Generation of alternating voltage and current; instantaneous and effective current; Vector Algebra as applied to alternating current circuit analysis in the solution of problems; series parallel circuits; impedance matching; network theorems; coupled circuits; balanced and unbalanced polyphase circuits; filters; elements of transmission lines; symmetrical components; non-sinusoidal waves; transient conditions; laboratory experiments in measurements; study of instruments, and verification of theorems.

EL. 362.—Electric Circuits. 3 hours, and 3 hours laboratory. 4 credits. The second half of the course EL. 361-362. Offered 2, 3.

EL. 363.—Electrical Machinery I. 3 hours, and 3 hours laboratory. 4 credits. Prerequisites: MS. 354, PS. 206, PS. 208, EL. 211. Offered 1, 2.

Analysis of ferromagnetic circuits, with applications to reactors, single phase and polyphase transformers, magnetic transformers, frequency characteristics of transformers.

EL. 403.—Electrical Methods of Instrumentation. 3 hours and 3 hours laboratory. 4 credits. Prerequisites: EL. 342, EL. 349. Offered 1, 2.

A study of electrical methods for the measurement of various physical phenomena which are encountered primarily by non-electrical engineers, transducing elements used to convert temperature, pressure, acceleration, velocity, displacement, pH, and other quantities into electrical signals; the electrical and electronic circuits used to amplify, reproduce, and record these signals. Typical commercial examples.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EL. 441.—Electrical Engineering Seminar. 1 hour. 1 credit. The first half of the course EL. 441-442. Prerequisites: Not less than 14 credits in courses in Electrical Engineering. Offered 1.

Discussions on topics from current engineering periodicals, on research projects in progress in the laboratories, and on new developments in industry.

EL. 442.—Electrical Engineering Seminar. 1 hour. 1 credit. The second half of the course EL. 441-442. Offered 2.

EL. 445.—Electrical Instruments, Meters, and Relays. 2 hours, and 3 hours laboratory. 3 credits. Prerequisites: EL. 471, EL. 449. Offered 1, 3.

Indicating instruments; demand instruments; recording and integrating; instrument transformers; measurement of circuit constants at low frequency and at radio frequency; measurement of frequency; wave form, power factor and phase angle; vacuum tube instrument.

EL. 446.—Electric Power Transmission. 3 hours. 3 credits. Prerequisites: EL. 449, EL. 471. Offered 1, 2.

Characteristics of power and communication lines derived from the distributed constant circuit standpoint; traveling and standing waves; impedance loci and transmission line charts.

EL. 453.—Radio Station Operation. 3 hours laboratory. 1 credit. The first half of the course EL. 453-454. Prerequisite: EL. 346. Offered 1.

Operation, maintenance, and testing of a broadcasting station, under actual operating conditions and under the direction of licensed operators.

EL. 454.—Radio Station Operation. 3 hours laboratory. 1 credit. The second half of the course EL. 453-454. Offered 2.

EL. 462.—Ultra-High Frequency Technique. 3 hours, and 3 hours laboratory. 4 credits. Prerequisite: EL. 465. Offered 2.

Methods of generating, transmitting and receiving centimeter microwaves.

EL. 464.—Introduction to Electromagnetic Theory. 3 hours. 3 credits. Prerequisite: EL. 362 and approval of instructor. Offered 1.

An introductory presentation of vector analysis and the fundamentals of electromagnetic fields and waves for engineering applications.

EL. 465.—Communication Engineering. 3 hours, and 5 hours laboratory. 5 credits. The first half of the course EL. 465-466. Prerequisite: EL. 346, EL. 362, EL. 363. Offered 1.

Component parts of systems of electrical communications, including circuit constants, vacuum tube amplifiers, oscillators, modulators, detectors, and rectifiers; complete communication systems; propagation of radio waves; antenna systems.

EL. 466.—Communication Engineering. 3 hours, and 5 hours laboratory. 5 credits. The second half of course EL. 465-466. Offered 2.

EL. 467.—Electrical Machinery III. 3 hours, and 5 hours laboratory. 5 credits. The first half of the course EL. 467-468. Prerequisite: EL. 362, EL. 363. Offered 1.

Design, characteristics, and operation of direct and alternating current apparatus particularly transformers, generators, motors. Experimental tests on direct and alternating current apparatus.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EL. 468.—Electrical Machinery IV. 3 hours, and 5 hours laboratory. 5 credits. The second half of the course EL. 467-468. Offered 2.

EL. 471.—Electrical Machinery II. 3 hours, and 3 hours laboratory. 4 credits. Prerequisite: EL. 363. Offered 1, 2.

Fundamentals of direct and alternating current rotating machinery (for communication majors).

EL. 472.—Electrical Engineering Problems (Electronics). 3 hours, and 3 hours computation period. 4 credits. Prerequisite: EL. 465. Offered 1, 2.

Selected problems and projects in radio engineering and electronics with emphasis on the complete solution, including design, manufacture, and test.

EL. 473.—Industrial Electronics. 3 hours, and 3 hours laboratory. 4 credits. Prerequisite: EL. 346, EL. 362, EL. 363. Offered 1, 3.

Analysis of vaccum tube application with special emphasis on industrial devices such as high frequency heaters, rectifiers and inverters, timers, photoelectric controls, voltage regulators, and instruments.

EL. 474.—Electrical Engineering Problems (Power). 3 hours, and 3 hours computation period. 4 credits. Offered 1, 2.

Selected problems and projects in the field of electric power engineering with emphasis on the complete solution, including selection, design, application, and operation of electrical equipment and facilities.

EL. 476.—Advanced Industrial Electronics. 2 hours, and 3 hours laboratory. 3 credits. Prerequisite: EL. 473. Offered 2.

Advanced study of industrial applications of electronic devices.

EL. 493.—Electrical Design and Experimental Procedure. Variable credit. Prerequisite: Approval of instructor. The first half of the course EL. 493-494. Offered 1, 3.

Special projects are studied and reports prepared thereon.

EL. 494.—Electrical Design and Experimental Procedure. Variable credit. The second half of the course EL. 493-494. Offered 2.

GRADUATE COURSES

Prerequisites: A college course in Physics, Differential and Integral Calculus, and a minimum of thirty-six credits, or the equivalent in courses in the general field of electrical engineering, together with special prerequisites stated for individual courses.

EL. 531.—Advanced Electrical Measurements. 2 hours, and 4 hours laboratory. 3 credits. The first half of the course EL. 531-532. Offered 1.

Theory and practice of electrical measurements at extremes of voltage, current, power and frequency.

EL. 532.—Advanced Electrical Measurements. 2 hours, and 4 hours laboratory. 3 credits. The second half of the course EL. 531-532. Offered 2.

EL. 535.—Electric Network Synthesis. 3 hours, 3 credits. Prerequisite or corequisite: MS. 555. The first half of the course EL. 535-536. Offered 2.

Methods of circuit synthesis for prescribed steady-state or transient response.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EL. 536.—Electric Network Synthesis. 3 hours, 3 credits. The second half of the course EL. 535-536.

EL. 537.—Transients in Linear Systems. 3 hours, 3 credits. Offered 2.

Transient analysis of electrical and mechanical systems stressing Laplace transform methods.

EL. 539.—Electric Power Circuits. 3 hours, 3 credits. Offered 1.

Analysis of polyphase networks, including symmetrical component methods.

EL. 543.—Communication Lines and Filters. 3 hours, 3 credits. Prerequisite: EL. 446 or equivalent. Offered 3.

Theory and analysis of communication networks; circuits containing transmission lines and waveguides.

EL. 545.—Advanced Electron Tube Circuits. 3 hours, 3 credits. The first half of the course EL. 545-546. Offered 1.

Advanced treatment of linear and non-linear amplifiers, oscillators, and special circuits, including high frequency considerations.

EL. 546.—Advanced Electron Tube Circuits. 3 hours, 3 credits. The second half of the course EL. 545-546. Offered 2.

EL. 552.—Theory of Vacuum Tubes. 3 hours, 3 credits. Offered 3.

Fundamental principles of electronic motion, space-charge effects, and interactions of electrons with electromagnetic fields; analysis of vacuum-tube operation.

EL. 554.—Advanced Communication Theory. 3 hours, 3 credits. Offered 1.

Modulation and detection, signal, spectra, noise, and the transmission of information.

EL. 555.—Electromagnetic Fields and Waves. 3 hours, 3 credits. Prerequisite: EL. 464 or equivalent. The first half of the course EL. 555-556. Offered 2.

Electromagnetic theory from the engineering point of view; propagation and reflection of waves, guided waves, resonant cavities, antennas and radiation.

EL. 556.—Electromagnetic Fields and Waves. 3 hours, 3 credits. The second half of the course EL. 555-556. Offered 1.

EL. 570.—Closed Loop Systems. 3 hours, 3 credits. Prerequisite: EL. 537. Offered 3.

Electrical, mechanical, and electromechanical systems in which feedback is used to modify the system characteristics. Servomechanisms and feedback amplifiers.

EL. 571.—Advanced Electrical Machinery. 3 hours, 3 credits. Prerequisite or corequisite: EL. 539. The first half of the course EL. 571-572. Offered 1.

Electrical and mechanical theory of rotating machinery and electrical apparatus.

EL. 572.—Advanced Electrical Machinery. 3 hours, 3 credits. The second half of the course EL. 571-572. Offered 2.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EL. 581.—Electric Power Systems. 3 hours, 3 credits. Prerequisite: EL. 539. The first half of the course EL. 581-582. Offered 2.

Steady-state and transient analysis of interconnected power systems; power circuit protection; transient characteristics of apparatus.

EL. 582.—Electric Power Systems. 3 hours, 3 credits. The second half of the course EL. 581-582. Offered 3.

EL. 591.—Special Topics in Electrical Engineering. Variable credit. The first half of the course EL. 591-592. Offered 1, 3.

Laboratory, lectures, or conferences covering specially selected topics in Electrical Engineering.

EL. 592.—Special Topics in Electrical Engineering. Variable credit. The second half of the course EL. 591-592. Offered 2.

ENGINEERING MECHANICS

Instructional Staff 1950-51

Sawyer, W. L., Head; Boomsliter, G. P., Edson, C. G., Hill, C. C., Jennings, R. T., Lawson, S. C. D., Morrow, H. W., Neff, T. O.

EM. 313.—Fluid Mechanics. 3 hours, and 3 hours laboratory. 4 credits. Prerequisites: EM. 365, MS. 354. Offered 1, 2, 3.

Mechanics of compressible and incompressible fluids. Special emphasis on viscosity effects. Bernoulli's theorem, surface and form resistance, impulse-momentum principle, lift and drag, laws of similarity and dimensional analysis. Study includes statics, kinetics, and dynamics, and the application of basis principles to the flow of fluids through measuring devices and pipes, and around immersed bodies.

EM. 314.—Hydraulic Engineering. 3 hours. 3 credits. Prerequisite: EM. 313. Offered 1, 2, 3.

Hydrology: analyses of rainfall and stream flow ending in the determination of a unit-hydrograph; flood control engineering. Open channels: study of critical flow, transilatory waves, and the hydraulic jump; backwater computations; reservoir routing; channel design. Pipes: construction of nomographs; pipe networks, Cross method; water hammer, Gibson method; pipe design. Pumps: use of service and pump characteristic curves based on manufacturer's data; cavitation studies. Turbines: significance of performance curves and specific speed; design of intake structures, control works, and draft tubes. Structures: design of a gravity dam by the method of zones.

EM. 327.—Hydraulics. 2 hours and 3 hours laboratory. 3 credits. Offered 1, 2.

For engineering students majoring in Agricultural Engineering. The principles underlying the behavior of fluids at rest and in motion, transportation and measurement of fluids, pumping and power generation.

EM. 365.—Engineering Mechanics—Statics. 3 hours. 3 credits. Prerequisites: PS. 205, ML. 182; Corequisite: MS. 354. Offered 1, 2, 3.

Principles of statics: resultants and equilibrium of co-planar force systems; resultants and equilibrium of space force systems; trusses containing two force members; structures containing three force members; friction; centroids; moments of inertia; Mohr's circle.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EM. 366.—Engineering Mechanics—Dynamics. 3 hours. 3 credits. Prerequisites: EM. 365, MS. 354. Offered 1, 2, 3.

Principles of dynamics: rectilinear translation; curvilinear translation including special equations for highway banking and dynamic balancing of rotating weights; mass moment of inertia; rotation; plane motion; work and energy; impulse and momentum.

EM. 367.—Strength of Materials. 3 hours. 3 credits. Prerequisites: EM. 365, MS. 354. Offered 1, 2, 3.

Tension, compression, shear, stress and strain; combined stresses; Mohr's circle; riveted joints for pressure vessels and structural work; torsion; bending moments; stresses, and deflection of simple, cantilever, and continuous beams; eccentric loading; columns.

EM. 369.—Applied Mechanics for Chemical Engineers. 3 hours. 3 credits. Prerequisites: EM. 365, MS. 354. Offered 1, 2.

Materials of construction; mechanical properties of materials; theory and application to design of pressure vessels; piping; attachments and closures; equipment supports and handling equipment.

GRADUATE COURSES

EM. 533.—Advanced Hydraulic Engineering. 3 hours. 3 credits. Prerequisites: EM. 313 and EM. 314. Offered 1.

Advanced theoretical treatment and application of hydraulics. General fluid flow in pipes; open channels with special reference to non-uniform flow, critical stage, hydraulic jump, wave formations, the flow net. Study of water power development, dams, drainage structures, and flood control.

EM. 534.—Hydraulic Measurements. 3 hours, 3 credits. Prerequisite: EM. 313. Offered 2.

Methods of testing hydraulic machinery and calibrating hydraulic measuring equipment.

EM. 535.—Theory of Hydraulic Similitude. 2 hours. 2 credits. Prerequisites: EM. 313 and EM. 314. Offered 3.

Theory of models as applied to condition of dynamic similarity when all forces are acting including gravity, viscosity, surface tension, elasticity, inertia and pressure. The principles of dimensional analysis applied to many examples. Model studies illustrating work involved.

EM. 564.—Advanced Strength of Materials. 3 hours. 3 credits. Prerequisite: EM. 365. Offered 1, 2, 3.

Special problems in localized stress, principal stresses, strains due to principal stresses, thick wall cylinders, shear center, unsymmetrical bending, curved flexural members, closed rings, flat plates.

EM. 565.—Advanced Strength of Materials. 3 hours, 3 credits. Prerequisite: EM. 564. Offered 1, 2.

A continuation of course EM. 564. Torsional stresses with application of membrane analogy; laboratory methods for strain and stress determination; buckling stresses; deflection of structures; deformations beyond elastic limit; plastic flow; creep; yield.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EM. 566.—Theory of Elasticity. 3 hours. 3 credits. Prerequisite: MS. 420. Offered 1.

Plane stress and plane strain, stresses and strains in three dimensions; equations of equilibrium; principle of compatibility; Saint Venant's principle; regular and polar representation of stresses and strains; stresses in plates and shells. Application to practical problems.

EM. 567.—Theory of Elastic Stability. 3 hours. 3 credits. Prerequisite: MS. 420. Offered 2.

Lateral buckling of beams; bending and buckling of thin plates and shells; shear buckling; general failure of columns by bending, twisting, or shear; buckling at stresses above elastic range. Application to practical problems.

EM. 568.—Mechanics of Orthotropic Materials. 3 hours. 3 credits. Prerequisite: MS. 420. Offered 3.

Plane stress and plane strain; stresses and strains in three dimensions. Equation of equilibrium; Mohr's circle; form factors; shear; direct compression; combined stresses; practical applications.

EM. 569.—Elastic Energy Theory. 3 hours. 3 credits. Prerequisite: EM. 367. Offered 1.

Statically determinate and statically indeterminate frames; statically determinate and statically indeterminate beams; combined stresses; deformation due to shear; resilience; influence lines; theory of least work; columns.

EM. 570.—Photoelasticity. 2 hours and 3 hours laboratory. 3 credits. Prerequisite: EM. 566. Offered 2.

Stress-strain relations; stress at a point, differential equations of equilibrium; fundamentals of optics; double refraction; polarized light; stress optic law; stress patterns; isoclinics and stress trajectories; principle shear and normal stresses; slope equilibrium method; shear difference method. Laboratory work in making models, experimental stress determination.

ENGLISH

Instructional Staff 1950-51

Robertson, C. A., Head, Baughan, D. E., Bowers, R. H., Clark, W. A., Congleton, J. E., Conner, F. W., Cox, E. H., Fain, J. T., Fogle, S. F., Gehan, F. E., Herbert, T. W., Hodges, J. R., Kirkland, E. C., Lytle, A. N., Morris, A. C., Mounts, C. E., Murphree, A. A., Oras, A., Patrick, J. M., Pyles, T., Ruff, W., Stryker, D., Warfel, H. R., Waters, L. A., Wilson, J. L., Wise, J. H.

Students intending to major in English in the College of Arts and Sciences should, at the earliest possible opportunity, consult with the student counsellor of the Department, and plan their program. For the departmental major the following courses are normally required: EH. 217-218, EH. 301-302, EH. 305, EH. 399. A foreign language should be elected at least as early as the sophomore year.

The following courses may not normally be counted toward fulfillment of the minimum requirements for departmental or group majors in the College of Arts and Sciences: EH. 121, EH. 133, EH. 134, EH. 135, EH. 221, EH. 355, EH. 356.

There are no rigid prerequisites; but one or more courses numbered in the 200's should normally be taken before any of the courses numbered 300 or above.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

All of the courses in English are so organized that they may be taken for credit either semester.

EH. 121.—English for Foreign Students. 5 hours. 4 credits. Offered 1.

For foreign students whose knowledge of English is not equivalent to that normally required of freshmen. Graduates of preparatory schools in which the principal language is English or students who have college credit in English cannot receive credit for this course. The students will have regular practice in the communication skills, reading, writing, listening, and speaking. There will be frequent tests to determine progress.

EH. 133.—Effective Writing. 3 hours. 3 credits. Prerequisite: C-3, or permission of C-3 Course Chairman. Offered 1, 2, 3.

Designed to aid the student to present his ideas in writing which is not only accurate and clear but pleasing and attractive to the reader. Students are urged to do creative work.

EH. 134.—Contemporary Reading. Offered each semester. 3 hours. 3 credits. Prerequisite: C-3, or permission of C-3 Course Chairman. Offered 2, 3.

Designed to aid the student in planning for himself a well-rounded program in reading, which will serve to keep him abreast of the best in contemporary thought. Some time will be spent in introducing each student to the bibliography and writing in the area of his special professional interest.

EH. 135.—Word Study. 2 hours. 2 credits. Offered 1, 2.

Effective ways of increasing vocabulary, improving skill as a reader and enhancing command of the arts of communication. Prerequisite: C-3.

EH. 215.—Literary Masters of America. 3 hours. 3 credits. The first half of the course EH. 215-216. May be taken for credit without EH. 216. Offered 1.

Major American writers from Benjamin Franklin to James Russell Lowell. Emphasis is placed on understanding and critical appreciation rather than on literary history.

EH. 216.—Literary Masters of America. 3 hours. 3 credits. The second half of the course EH. 215-216. May be taken for credit without EH. 215. Offered 2, 3.

Covers the important American writers from Walt Whitman to Ernest Hemingway.

EH. 217.—Literary Masters of England. 3 hours. 3 credits. The first half of the course EH. 217-218. May be taken for credit without EH. 218. Offered 1, 2, 3.

The most interesting and significant English writers are read and discussed, primarily for an appreciation of their art and outlook on life. The selections begin with *Beowulf* and include the Age of Johnson.

EH. 218.—Literary Masters of England. 3 hours. 3 credits. The second half of the course EH. 217-218. May be taken for credit without EH. 217. Offered 1, 2, 3.

Covers the periods in English literature from Wordsworth and Coleridge to the present.

EH. 221.—English and American Literature for Foreign Students. 4 hours. 4 credits. Offered 2.

Some of the literary masterpieces which are a part of the cultural background of every educated North American. An opportunity for the foreign student to improve his skill in reading, writing, speaking, and understanding the English language.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EH. 223.—Masterpieces of World Literature. 3 hours. 3 credits. The first half of the course EH. 223-224. May be taken for credit without EH. 224. Offered 1, 2, 3.

A lecture and reading course designed to acquaint the student with some of the great books of the world, from Homer to Dante.

EH. 224.—Masterpieces of World Literature. 3 hours. 3 credits. The second half of the course EH. 223-224. May be taken for credit without EH. 223. Offered 1, 2.

Covers the period from Rabelais to Hauptmann.

EH. 301.—Shakespeare. 3 hours. 3 credits. Offered 1, 2, 3.

Devoted chiefly to the romantic comedies and the history plays, including *A Midsummer Night's Dream, The Merchant of Venice, Much Ado, As You Like It, Twelfth Night, Richard the Second,* and *Henry the Fourth.* As an aid to the reading of Shakespeare, some of the most interesting features of the Elizabethan stage and drama are treated briefly.

EH. 302.—Shakespeare. 3 hours. 3 credits. Offered 1, 2.

The great tragedies will be studied, notably *Hamlet, Othello, King Lear, Macbeth,* and *Antony and Cleopatra.*

EH. 303.—English Literature of the 19th Century. 3 hours. 3 credits. Offered 1.

The ideas that dominated the Empire at the height of her power, studied in literary embodiment in poetry, essay, and novel. Attention will be focused on Tennyson and Browning; Newman, Carlyle, and Macaulay; Dickens, Thackeray, and the Brontes.

EH. 304.—English Literature of the 19th Century. 3 hours. 3 credits. Offered 2, 3.

Reading and discussion of such major writers of the later Victorian era as Arnold, Swinburne, Kipling, Housman; Ruskin and Pater; Meredith and Thomas Hardy.

EH. 305.—Introduction to the Study of the English Language. 3 hours. 3 credits. Prerequisite: Approval of departmental adviser. Offered 1, 2, 3.

Designed to meet the needs of three types of students: (a) for the general student it offers a means of improving his written and spoken English by showing him what "good English" is; (b) for the English teacher in the secondary school it provides an adequate minimum knowledge of the English language; (c) for the English major and beginning graduate student it serves as an introduction to further linguistic study. Primary emphasis is placed, not upon grammatical rules, but rather upon the most interesting features of our language as written and spoken.

EH. 306.—Modern English Grammar. 3 hours. 3 credits. Offered 1, 2, 3.

A study of modern English inflection and syntax. The course is designed to be of practical value to teachers of English, and is intended especially for students in the College of Education majoring in English.

EH. 307.—English and Scottish Popular Ballads. 3 hours. 3 credits.

A study of the English and Scottish popular ballads, their origin in folklore and their development and spread to America.

EH. 308.—American Folksongs. 3 hours. 3 credits. Offered 1, 3.

A study of the American folksong, with consideration of the English and Scottish survivals. The introduction to the course will consider the general subject of folklore and the folksong as a part of folklore.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EH. 309.—Short Story. 2 hours. 2 credits. Offered 1.

Studies in the history, criticism, and appreciation of the short story as a literary type. Lectures, extensive readings.

EH. 310.—The American Novel to 1920. 2 hours. 2 credits.

The history of the American novel from 1789 to 1920. Reading of representative novels by major writers. Lectures, reports, extensive readings.

EH. 311.—American Non-fictional Prose. 2 hours. 2 credits. Offered 2.

Reading of representative American full-length biographies, autobiographies, books of essays, and histories, such as Franklin's *Autobiography,* Dana's *Two Years Before the Mast,* Emerson's *Essays,* and Parkman's *The Oregon Trail.* Lectures, reports, extensive readings.

EH. 312.—Exposition. 2 hours. 2 credits. Offered 1, 2, 3.

Advanced studies in composition especially designed to meet the needs of those intending to pursue graduate study, those preparing to enter the professions, engage in research, etc. Some attention to magazine writing.

EH. 327.—Imaginative Writing. 2 hours. 2 credits. The first half of the course EH. 327-328. May be taken for credit without EH. 328. Offered 1.

Designed to help the student who desires guidance in developing his capacity for original work. Group discussion, individual conferences, many papers.

EH. 328.—Imaginative Writing. 2 hours. 2 credits. The second half of the course EH. 327-328. May be taken for credit without EH. 327. Offered 2.

EH. 354.—Browning. 3 hours. 3 credits.

Wide reading and discussion of the writings of Browning and a few of his immediate contemporaries.

EH. 355.—Business English. 3 hours. 3 credits. Offered 1, 2, 3.

A general course in business writing, including business letters and elementary report writing. Prerequisite: C-3.

EH. 356.—Business Report Writing. 3 hours. 3 credits.

The more advanced forms of business reports. Instruction is given in various techniques of business research, such as interview, questionnaire, and bibliographical methods. Though designed primarily for students expecting to become executive secretaries, the course is of practical value to all students in Business Administration and does not duplicate the work of EH. 355. Prerequisite: C-3.

EH. 361.—The Novel. 3 hours. 3 credits. The first half of the course EH. 361-362. May be taken for credit without EH. 362. Offered 1.

The development of the novel from earlier forms; the great novelists of the eighteenth century.

EH. 362.—The Novel. 3 hours. 3 credits. The second half of the course EH. 361-362. May be taken for credit without EH. 361. Offered 2.

The great novelists of the nineteenth century.

EH. 363.—Contemporary Literature: Drama. 3 hours. 3 credits. Offered 2, 3.

Recent and contemporary drama, with emphasis upon such major English and American playwrights as Shaw and Eugene O'Neill. The work of Ibsen and other Continental writers will be treated briefly.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EH. 364.—World Drama: An Introduction to the Study of Dramatic Literature. 3 hours. 3 credits. Offered 2.

The chief European dramatists from Aeschylus to Ibsen and the theory of drama from Aristotle to Archer. May be taken for credit without EH. 363.

EH. 365.—Contemporary Literature: Fiction. 3 hours. 3 credits. Offered 1.

The most important English and American writers of prose friction from Thomas Hardy to the present, with major emphasis upon recent novelists.

EH. 366.—Contemporary Literature: Poetry. 3 hours. 3 credits. Offered 2.

Reading, critical interpretation and discussion of modern British and American poetry, with chief emphasis upon recent poetry.

EH. 377.—The English Bible as Literature. 3 hours. 3 credits.

The Bible as a library of literary masterpieces. The influence of the Bible on English and American writings. Part of the parallel reading consists of outstanding literary works based on Biblical material.

EH. 380.—English in the Secondary Schools. 3 hours. 3 credits. Offered 1, 3.

Designed to help teachers of English by (1) a review of the contents, both the language and the literature, of secondary school English, with attention to some of the methods widely used in high school English courses, and (2) a study of both the ultimate and the immediate objectives of the Secondary English program.

EH. 391.—Children's Literature. 3 hours. 3 credits. Offered 2, 3.

A course designed to arouse and satisfy a genuine interest in children's books apart from school textbooks, to aid the student to obtain a better working knowledge of this literature, and to make him more aware of degrees of excellence in content and form.

EH. 399.—Introduction to the Study of Literature. 3 hours. 3 credits. Offered 1.

A consideration of the nature of literature, its types, forms, content and values. Designed to provide the student with a better critical understanding of literary art. Lectures, wide reading and discussion.

EH. 401.—American Literature. 3 hours. 3 credits. Offered 1, 2.

Together with EH. 402, a critical and historical survey of American literature from 1607 to the present, considering the broad movements in the development of this literature, its relation to its social and cultural background, and the artistics merit of its principal productions. Lectures, reports, extensive readings. EH. 401 covers the period from 1607 to 1865, and may be taken for credit without EH. 402.

EH. 402.—American Literature. 3 hours. 3 credits. Offered 1, 2, 3.

Covers the period from 1865 to the present. May be taken for credit without EH. 401. Lectures, reports, extensive readings.

EH. 405.—Drama of the Restoration and Eighteenth Century. 3 hours. 3 credits. Prerequisite: Approval of departmental adviser. Offered 1, 3.

A survey of the English stage from Dryden to Sheridan, with emphasis upon principal plays, playwrights and dramatic tendencies.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EH. 407.—Introduction to Folklore. 3 hours. 3 credits. Offered 2.

The various types of folklore, including the folktale, legend, myth, folksong, proverb, riddle, superstition, etc.; folk material in literary and other artistic media; folklore motifs in a diversified body of comparative literature; folklore as an aid to understanding the racial and cultural heritage of American life; the utilization of folk materials by teachers, sociologists, students of literature and creative artists.

EH. 409.—Chaucer. 3 hours. 3 credits. Prerequisite: Approval of departmental adviser. Offered 1, 3.

Designed to help the student appreciate Chaucer as a story teller, as a wise, humorous and penetrating observer of human life, and as a great poet.

EH. 413.—The Renaissance in England. 3 hours. 3 credits. Prerequisite: Approval of departmental adviser. Offered 1, 3.

The origin of the movement in Italy and its spread in England; special emphasis on the Renaissance humanists, such as Cloet, Erasmus and More, and upon the 16th century poets, such as Skelton, Wyatt, Sidney and Spenser.

EH. 414.—The Renaissance in England. 3 hours. 3 credits. Prerequisite: Approval of departmental adviser. Offered 2.

The lyric and epic poetry from Spenser through Milton; the prose from Sidney through Browne. Emphasis will be placed on such figures as Bacon, Donne, Herrick, Herbert, Drayton, Campion, Walton, Fuller, and Milton.

EH. 415.—Milton. 3 hours. 3 credits. Prerequisite: Approval of departmental adviser. Offered 1, 3.

Though the emphasis will fall upon *Paradise Lost,* all of Milton's poetry will be read and much of his prose. Milton's social, religious, educational and philosophical views, and his work will be related to his age. Wide reading in the literature of the period will be expected.

EH. 417.—Spenser. 3 hours. 3 credits. Prerequisite: Approval of departmental adviser. Offered 2.

Gives the student acquaintance with the text of Spenser, with some of the problems of allusion, structure and style, and the poet's relationship to his predecessors and contemporaries.

EH. 418.—The Literature of the South. 3 hours. 3 credits.

The poetry and prose written by Southerners or reflecting the life in the region. Various literary centers and local color movements. Chief emphasis on 19th and 20th century literary productions.

EH. 419.—Elizabethan Drama. 3 hours. 3 credits. Prerequisite: Approval of departmental adviser. Offered 2.

The origins and development of the Elizabethan drama, exclusive of Shakespeare, with emphasis upon such major writers as Marlowe, Kyd, Chapman, Marston, Webster and Jonson.

EH. 421.—American Poetry from the Beginnings to Lowell. 3 hours. 3 credits.

A critical and historical study of forms and movements in American poetry during the period with emphasis on Emerson, Poe, Longfellow, Lowell. May be taken for credit without EH. 422.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EH. 422.—American Poetry from Whitman to Edwin Arlington Robinson. 3 hours. 3 credits.

A critical and historical study of forms and movements in American poetry during the period with emphasis on Whitman, Lanier, Dickinson, Robinson. May be taken for credit without EH. 421.

EH. 425.—American Drama to 1920. 3 hours. 3 credits. Offered 1.

The history of American drama, together with an analysis of dramatic theory. Reading of representative plays. Lectures, reports, extensive readings.

EH. 427.—The Craft of Writing. 3 hours. 3 credits. Prerequisite: Consent of instructor and approval of departmental adviser. Offered 1.

This course is intended for students interested in writing fiction, or in fiction as an art. Conducted by the laboratory method and private conference, with the aim of developing the student's writing talent and critical sense. Novels and short stories of the students and of authors of established reputations will be read, analyzed and discussed.

EH. 428.—The Craft of Writing. 3 hours. 3 credits. Prerequisite: Consent of instructor and approval of departmental adviser. Offered 2.

A continuation of the work of EH. 427, with the aim of providing further experience for practitioners of the short story or the novel under the guidance of a writer in residence.

EH. 433.—English Literature of the 18th Century. 3 hours. 3 credits. Prerequisite: Approval of departmental adviser. Offered 1.

A study of English prose and poetry from Dryden through Pope, with chief emphasis upon Dryden, Defoe, Addison and Steele, Pope and Swift.

EH. 434.—English Literature of the 18th Century. 3 hours. 3 credits. Prerequisite: Approval of departmental adviser. Offered 2, 3.

The prose and poetry of the age of Dr. Johnson.

EH. 443.—The English Romantic Period. 3 hours. 3 credits. Prerequisite: Approval of departmental adviser. Offered 1.

Reading and discussion. Chief emphasis on the work of Burns, Coleridge and Wordsworth.

EH. 444.—The English Romantic Period. 3 hours. 3 credits. Prerequisite: Approval of departmental adviser. Offered 2, 3.

Reading and discussion. Chief emphasis on the work of Byron, Keats and Shelley.

EH. 491.—Great Books of the Western World. 3 hours. 3 credits. The first half of the course EH. 491-492. May be taken for credit without EH. 492. Offered 1.

A number of the great classics which have germinated our culture and moulded our modes of thought and feeling will be read, analyzed, and discussed. Enrollment limited to students having the approval of their adviser in the major field and the course chairman.

EH. 492.—Great Books of the Western World. 3 hours. 3 credits. The second half of the course EH. 491-492. May be taken for credit without EH. 491. Offered 2.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

GRADUATE COURSES

With the approval of the departmental adviser, the following courses may be taken for graduate major credit: EH. 305, EH. 405, EH. 409, EH. 413, EH. 414, EH. 415, EH. 417, EH. 419, EH. 427, EH. 428, EH. 433, EH. 434, EH. 443, EH. 444. All graduate degrees must include approved course work at the 500 level.

Prerequisites: An undergraduate major in English or its equivalent. Such a major must present at least twenty-four semester hours of English including courses in important periods of English literary history, American literature, and the history of the English language. Adequate preparation in such important related fields as history, philosophy, and foreign language is presupposed.

Seminar: All graduate majors are expected to attend a seminar (EH. 529) the purpose of which is to provide an introduction to the problems and methods of graduate study in the field of English, and to discuss problems in the teaching of English.

EH. 510.—Chaucer. 3 hours. 3 credits. Offered 2.

A thorough study of *Troilus and Criseyde* and the minor poems.

EH. 511.—Old English. 3 hours. 3 credits. Offered 1.

Old English grammar and reading from selected monuments. A linguistic rather than a literary course.

EH. 512.—Middle English. 3 hours. 3 credits.

Middle English grammar and reading from selected monuments. Both a linguistic and a literary course.

EH. 529.—Graduate Seminar. 2 hours. 1 credit. Offered 1, 3.

EH. 530.—Individual Work. Credit arranged. Offered 1, 2, 3.

Provision will be made for students who desire to supplement the regular courses by individual reading or investigation under guidance. Students will be helped to plan a definite program, and will meet a member of the department staff in frequent conferences.

EH. 535.—Studies in 18th Century Literature. 3 hours. 3 credits. Offered 1.

A seminar. The particular field varies from year to year.

EH. 541.—Beowulf. 3 hours. 3 credits. Offered 2.

Reading and critical study of this Old English monument.

EH. 545.—Aspects of Romanticism. 3 hours. 3 credits. Offered 2.

A seminar. The particular field varies from year to year.

EH. 550.—The English Language in the Modern Period. 3 hours. 3 credits. Offered 1.

An historical study of the phonology, morphology, and syntax of the English language since about A. D. 1500, with some attention to the development of English in America.

EH. 553.—Linguistic Studies. 3 hours. 3 credits. Offered 2.

A seminar. The particular program may vary from year to year.

EH. 555.—Studies in Medieval Literature. 3 hours. 3 credits.

A seminar. The particular program varies from year to year.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EH. 557.—Studies in Chaucer. 3 hours. 3 credits.

A seminar. The particular program may vary from year to year.

EH. 561.—Studies in Shakespeare. 3 hours. 3 credits. Offered 2.

A seminar. The particular program varies from year to year.

EH. 563.—English Renaissance Literature. 3 hours. 3 credits. Offered 1.

A seminar. The particular field varies from year to year.

EH. 564.—English Literature of the Seventeenth Century. 3 hours. 3 credits. Offered 2.

A seminar. The particular field varies from year to year.

EH. 565.—Literary Criticism, Historical and Analytical. 3 hours. 3 credits. Offered 1, 3.

Classical and Renaissance criticism. The particular program varies from year to year.

EH. 566.—Literary Criticism, Historical and Analytical. 3 hours. 3 credits. Offered 2.

Criticism from the 18th century to the present. The particular program varies from year to year.

EH. 569.—English Prosody. 3 hours. 3 credits.

An historical and descriptive survey of English prosody, as seen against a general European background.

EH. 571.—Studies in Victorian Literature. 3 hours. 3 credits. Offered 1, 3.

A seminar. The particular program varies from year to year.

NOTE: The following seminars in American Literature will be offered in a two-year sequence, as follows: EH. 581, EH. 583, EH. 584, and EH. 589 in 1951-52; EH. 585, EH. 586, EH. 587 and EH. 588 in 1952-53.

EH. 581.—New England Transcendentalism. 3 hours. 3 credits. Offered 1.

A seminar. Emphasis on Emerson and Thoreau.

EH. 582.—American Drama from 1860 to 1920. 3 hours. 3 credits.

A seminar.

EH. 583.—American Non-fictional Prose. 3 hours. 3 credits. Offered 1.

A seminar. Study of one or more selected forms—biography, autobiography, essay, and history—through an analysis of writings by representative authors.

EH. 584.—Whitman. 3 hours. 3 credits. Offered 2.

A seminar. Close study of *Leaves of Grass* and Whitman's principal prose works.

EH. 585.—American Fiction from 1787 to 1860. 3 hours. 3 credits.

A seminar. Emphasis on Brown, Hawthorne, Poe, and Melville.

EH. 586.—American Fiction from 1860 to 1920. 3 hours. 3 credits.

A seminar. Harte, Twain, Howells, James Crane, and others.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EH. 587.—American Poetry from the Beginnings to 1890. 3 hours. 3 credits.

A seminar. Emphasis on Bryant, Poe, Whittier, Longfellow, Lowell, Holmes, and Lanier.

EH. 588.—American Poetry from 1890 to the Present. 3 hours. 3 credits.

A seminar. Emphasis on Dickinson, Robinson, Frost, Jeffers, Elliot, MacLeish.

EH. 589.—Southern Literature. 3 hours. 3 credits. Offered 2.

A seminar. The particular field varies from year to year.

ENTOMOLOGY

Instructional Staff 1950-51

Creighton, J. T., Head; Hetrick, L., Murphey, M., Rogers, A. J.

EY. 201.—Man and Insects. 3 hours. 3 credits. This course, or EY. 203, or EY. 207, are prerequisites or corequisites for all courses in Entomology, except EY. 351 and EY. 450. Only students in freshman and sophomore classes are permitted to register for this course.

The influence of insects upon man's agricultural and social world. The course treats of the contrast between the history of man and insects; the influence of insects upon domestic life, agriculture, commerce, industry, wars, human disease, and medical practices, machine development, engineering, legal practices, scientific investigations, and upon other insects. It is designed to broaden the knowledge of all students concerning the influence of man's greatest limiting factor in the continuance of the human race. Textbook not required.

EY. 203.—Economic Entomology. 2 hours, and 2 hours laboratory. 3 credits. This course, or EY. 201, or EY. 207, are prerequisites or corequisites for all other courses in Entomology except EY. 351 and EY. 450. Offered 1, 2, 3.

An introduction to economic entomology, which is based upon a study of the life histories, and control of major insect enemies of American agricultural crops. Particular stress is placed upon southern and Florida economic insects. This course is designed for all students in the College of Agriculture either as a pre- or corequisite for other entomology courses. Textbooks, *Destructive and Useful Insects,* by Metcalf and Flint; or *Insects of Farm, Garden and Orchard,* by Peairs.

EY. 205.—Insect Collection. 2 hours. 1 credit. Offered 1, 2, 3.

This is a companion course for EY. 203, in which a two hour laboratory is held weekly for students desiring to make a general or economic insect collection.

EY. 207.—General Entomology. 2 hours, and 2 hours laboratory. 3 credits. This course, or EY. 201, or EY. 203, are prerequisites or corequisites for all other courses in Entomology, except EY. 351, and EY. 450. Offered 1, 2.

The characteristics, biology, and habits of the insects in the major families of all insect orders. All students planning to major or minor in Entomology should take this course, and not EY. 201, or EY. 203. Textbook, *Introduction to Entomology,* by Comstock.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EY. 305.—Problems in Entomology. 4 to 8 hours laboratory. 2 to 4 credits. Prerequisites: EY. 201, or EY. 203, or EY. 207, and the basic course in the selected specialized field. Offered 1, 2, 3.

Consists of an entomological problem for study which may be in any field of specialization, including histology, morphology, taxonomy, embryology, biological control, ecology, toxicology, plant quarantine, biology, life history and habits, commercial entomology, structural pest control, and medical and veterinary entomology. Textbook not required.

EY. 311.—Entomology Seminar. 1 hour. ½ credit. Offered 1, 2, 3.

Papers dealing with some phase of entomology. At intervals, students appear before the seminar group to give talks dealing with the subject selected. Textbook not required.

EY. 351.—Forest Entomology (Pests of Forest and Shade Trees). 2 hours, and 2 hours laboratory. 3 credits. Course limited to students majoring in Forestry. Offered 1.

The major insect pests of forest and shade trees, including identification, life histories, and control. Textbook, *Insect Enemies of Eastern Forests,* by Craighead.

EY. 405.—Insect Control (Insecticides). 1 hour, and 4 hours laboratory. 3 credits. Prerequisite or corequisite: EY. 201, or EY. 203, or EY. 207. Offered 1.

The control of insects and closely related arthropods by chemical and cultural methods. Insecticides, the effects of insecticides upon plants and animals, and the various methods of application. For all students in Agriculture, an ideal practical training to meet the every day problems of insect attacks upon man, domestic animals, and cultivated plants. Textbook, *The Chemistry and Toxicology of Insecticides,* by Shepard; and *Spraying, Dusting, and Fumigation of Plants,* by Mason.

EY. 408.—Insect Morphology and Physiology. 2 hours, and 4 hours laboratory. 4 credits. Prerequisite: EY. 201, or EY. 203, or EY. 207. Offered 1.

The external and internal anatomy of insects. The functioning of the parts of the body and the systems of organs. Textbooks, *Principles of Insect Morphology,* by Snodgrass, and *The Principles of Insect Physiology,* by Wigglesworth.

EY. 411.—Apiculture (An Introduction to Bee Culture). 1 hour, and 2 hours laboratory. 2 credits. Prerequisite or corequisite: EY. 201, or EY. 203, or EY. 207. Offered 2.

The organization of a bee colony, life processes, races of bees, manipulation, value of colonies, nectar and pollen sources, pollination value, diseases, selection of apiary site, economic importance of industry, apparatus, and marketing of products. Textbooks, *Hive and the Honeybee,* by Grout.

EY. 420.—Medical Entomology. 1 hour, and 2 hours laboratory. 2 credits. Prerequisite or corequisite: EY. 201, or EY. 203, or EY. 207. Offered 1.

The arthropods that are parasitic upon man, including insects and their near relatives that affect the health of man, and their relationship to disease. Textbook, *Medical Entomology,* by Riley and Johannsen.

EY. 422.—Veterinary Entomology. 1 hour, and 2 hours laboratory. 2 credits. Prerequisite or corequisite: EY. 201, or EY. 203, or EY. 207. Offered 2.

The arthropods that are parasitic upon domestic animals, including insects and their near relatives, and their relationship to disease. Textbook, *Veterinary Helminthology and Entomology,* by Monning, and *Medical Entomology,* by Herms.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EY. 430.—Insect Histology. 2 hours laboratory. 1 credit. Prerequisite or corequisite: EY. 201, or EY. 203, or EY. 207. Offered 1.

The histological structure of insects. A study of the laboratory technique involved in the preparation of insect tissues for microscopical study. Textbook, *Histological-Technique,* by Kingsbury and Johannsen.

EY. 432.—Florida Fruit and Vegetable Insects. 2 hours, and 2 hours laboratory. 3 credits. Prerequisite or corequisite: EY. 201, EY. 203, or EY. 207. Offered 2, 3.

The identification, life histories, and control of the major insect pests of Florida's fruit and vegetable crops. For all students in the College of Agriculture, especially those interested in economic plant life. Textbook, *Insects of Farm, Garden and Orchard,* by Peairs, and *Insects of Citrus and Other Subtropical Fruits,* by Quayle.

EY. 434.—Insect Embryology. 1 hour, and 2 hours laboratory. 2 credits. Prerequisite or corequisite: EY. 201, or EY. 203, or EY. 207.

The principles of insect embryology. Textbook, *Embryology of Insects and Myriapods,* by Johannsen.

EY. 441.—Plant Quarantine, Inspection, and Control. 2 hours, and 2 hours laboratory. 3 credits. Prerequisite or corequisite: EY. 201, or EY. 203, or EY. 207.

The legal, operational, and administrative principles of plant quarantine, inspection and control; together with a study of plant quarantine organization methods, and control and eradication efforts of the past and present.

EY. 450.—Public Health Entomology (Entomology and Sanitation). 2 hours, and 4 hours laboratory. 4 credits.

Insects and related animals affecting the health and comfort of man. Textbook, *Medical Entomology,* by Riley and Johannsen.

EY. 460.—Insect Identification. 1 hour, and 2 hours laboratory. 2 credits. Prerequisite or corequisite: EY. 201, or EY. 203, or EY. 207 and EY. 408. Offered 2.

The identification of insects to species. A survey of all orders.

EY. 462.—Insect Ecology. 1 hour, and 2 hours laboratory. 2 credits. Prerequisite or corequisite: EY. 201, or EY. 203, or EY. 207.

The basic principles of animal ecology as they apply to insect life. Textbook, *Animal Ecology,* by Chapman.

EY. 464.—Biological and Natural Control. 1 hour, and 2 hours laboratory. 2 credits. Prerequisite or corequisite: EY. 201, or EY. 203, or EY. 207.

The fundamental principles involved in the natural and biological control of insects. Textbook, *Entomophagous Insects,* by Claussen.

EY. 470.—The Experimental Method. 1 hour, and 2 hours laboratory. 2 credits. Prerequisite or corequisite: EY. 201, or EY. 203, or EY. 207.

Broad training in the experimental methods employed in the various phases of entomology. Textbook, *A Manual of Entomological Equipment and Methods (Parts I and II),* by Peterson.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EY. 480.—The History of Entomology. 1 hour. 1 credit. Prerequisite or corequisite: EY. 201, or EY. 203, or EY. 207.

The major historical aspects of the field of entomology. Textbook, *Fragments of Entomological History,* by Osborn.

EY. 490.—Structural Pest Control. 1 hour, and 2 hours laboratory. 2 credits. Prerequisite or corequisite: EY. 201, or EY. 203, or EY. 207. Offered 2.

The major pests encountered by the commercial pest control operator, including life history studies, and chemical and mechanical methods of control. Textbooks, *Termites and Termite Control,* Kofoid et al; and *Our Enemy The Termite,* by Snyder.

EY. 492.—Advanced Economic Entomology. 2 hours, and 2 hours laboratory. 3 credits.

An advanced study of economic entomology which considers in detail the biology, life history, and control of the major insect species affecting the economic plants and animals of Florida. Particular stress is placed upon the recognition of the most economic species and their damage; together with a study of the various modern insecticidal chemicals used in their control, and methods of applying such chemicals. Textbook, *Destructive and Useful Insects,* by Metcalf and Flint.

EY. 494.—Insecticidal Formulations. 1 hour, and 3 hours laboratory. 2 credits. Prerequisites: EY. 201, or EY. 203, or EY. 207 and EY. 405. Offered 2.

A study of the source, and cost of raw materials. Development of formulae, and the preparation of large batch quantities on laboratory and pilot plant scale. The formulation of the raw materials into wettable powders, solutions, emulsions, aerosols, and dusts. The course includes consideration of the laws governing manufacture, labeling and sale of insecticides.

GRADUATE COURSES

Prerequisite: A Bachelor of Science degree or its equivalent. The student should have thirty semester hours in the biological sciences, with twelve or more hours in the field of Entomology. Should he be deficient in this respect, the student will be expected to fulfill these requirements during the time that he is pursuing work that will lead to the advanced degree. This work will be taken as foundation work with no graduate credit.

EY. 501.—Methods of Research in Entomology. 3 hours. 3 credits. Offered 1, 2, 3.

Special laboratory, insectary and field methods in research dealing with the several phases of entomology. A study of the leading research problems of the state and nation, with careful consideration of the more complicated ones. Research problem required.

EY. 503.—Problems in Entomology. 4-8 hours. 2-4 credits. Offered 1, 2, 3.

A problem for study which may be selected in any field of entomological specialization; including Histology, Morphology, Physiology, Taxonomy, Embryology, Biological Control, Ecology, Toxicology, Plant Quarantine, Commercial Entomology, Life History and Habits, Biology, and Medical and Veterinary Entomology.

EY. 507.—Advanced Insect Taxonomy. 1 hour, and 6 hours laboratory. 3 credits. Prerequisites: EY. 304, EY. 408, EY. 460, and EY. 508. Offered 2.

An advanced study of systematic entomology, including the scope of subject, principles, grouping of species, basis of systematic entomology, preparation of material, drawing and photographing material, description of insects, rules of nomenclature, and the various systems of classification.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

EY. 508.—Comparative Insect Morphology and Physiology. 2 hours, and 3 hours laboratory, 3 credits. Prerequisites: EY. 304, EY. 408. Offered 1.

A comparative study of the external and internal anatomy and physiology of representative insects found in each insect order.

EY. 511.—Entomological Research. 9 hours laboratory, 3 credits. Offered 1, 2, 3.

Field or laboratory research of entomology problems. Results to be used in preparation of thesis. Prerequisites: 24 hours of entomology.

EY. 515.—Advanced Biological and Natural Control. 1 hour, and 6 hours laboratory. 3 credits. Prerequisites: EY. 304, EY. 408, EY. 460, EY. 462, and EY. 464.

The fundamental principles of natural and biological control, including basis of control; resistant hosts; function of bacteria, fungi, viruses and protozoa; use of parasitic invertebrate animals; special emphasis upon Hexapods of value in natural and biological control; and cases where such control has been of great value in control of economic species.

EY. 516.—Advanced Insect Ecology. 1 hour, and 6 hours laboratory. 3 credits. Prerequisites: EY. 304, EY. 408, EY. 460, and EY. 462. Offered 2.

Ecological principles and their application to insect life in which the economic applications are stressed. Research problem required.

EY. 517.—Principles of Insect Pathology. 2 hours and 3 hours laboratory, 3 credits. Prerequisites: EY. 304, EY. 408, EY. 464, BCY. 301.

A study of the diseases of insects which are caused by bacteria, fungi, viruses, protozoa, nematodes, and nutritional disturbances.

EY. 518.—Chemistry and Toxicology of Insecticides. 1 hour and 6 hours laboratory, 3 credits. Prerequisites: CY. 101-102, EY. 304, EY. 405.

A study of the chemistry of insecticides and their toxicity to insects.

EY. 520.—Advanced Medical Entomology. 1 hour and 6 hours laboratory. 3 credits. Prerequisites: EY. 304, EY. 408, EY. 420, EY. 460. Offered 1.

An advanced study of the insects affecting the health and comfort of man.

FORESTRY

Instructional Staff 1950-51

Newins, H. S., Head; Beckwith, S. L., Dickinson, J. E., Frazer, P. W., Geltz, C. G., Herndon, T. G., Miller, J. W., Jr., Ralston, C. W., Smith, R. B., Swinford, K. R., Willingham, J. W.

FY. 220.—Introduction to Forestry. 2 hours. 2 credits. Offered 1, 2.

Fundamental underlying principles of the field of Forestry.

FY. 221.—Summer Camp. 5 credits. Offered 3.

Summer Camp work covers the entire field of forestry. Students are given practical work by surveying, cruising, silviculture, mensuration, and forest management work.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

FY. 226.—Dendrology of Angiosperms. 2 hours and 3 hours laboratory and field work. 3 credits. Prerequisite: BTY. 303, 304.

Classification and distinguishing characteristics of commercially important broad-leafed forest tree species of the United States, including also their size, form, habitat and range. Laboratory and field identification.

FY. 227.—Dendrology of Gymnosperms. 1 hour and 3 hours laboratory and field work. 2 credits. Prerequisite: BTY. 303, 304.

Classification and distinguishing characteristics of commercially important coniferous forest tree species of the United States, including also their size, form, habitat and range. Laboratory and field identification.

FY. 228.—Forest Mensuration. 2 hours, and 3 hours field. 3 credits. Prerequisite: MS. 105. Offered 2.

Principles and practice of measuring forests and forest products with special attention to Florida conditions.

FY. 229.—Forest Mensuration. 1 hour, and 4 hours field. 3 credits. Prerequisite: FY. 228. Offered 1.

A continuation of Forestry 228.

FY. 306.—Forest Protection. 2 hours, 4 hours field. 3 credits. Offered 1.

Technique of forest fire protection, as developed and practiced in the United States with special emphasis on the southern states.

FY. 309.—Wood Technology. 2 hours, 3 hours in laboratory. 3 credits. Prerequisites: FY. 226 and 227. Offered 2.

Identification of the commercial timbers of the United States by appearance and structure as apparent under the hand lens; microscopic structure and non-mechanical physical properties of wood, effects of moisture on strength and dimensions, etc.

FY. 310.—Reforestation and Nursery Practice. 2 hours, and 4 hours laboratory. 3 credits.

Cleaning, grading, germination tests, plantings in School nursery, cultivation and care of seedlings.

FY. 311.—Foundations of Silviculture. 2 hours, and 4 hours field and laboratory. 3 credits. Prerequisite: FY. 226.

Classification of forest vegetation: climatic, edaphic, physiographic, and biotic factors of the site; forest succession.

FY. 313.—Farm Forestry. 2 hours, and 2 hours laboratory. 3 credits. Offered 1, 2.

Farm forests in the farm management plan; economic and other values of farm forests; methods of growing and protecting farm forests; measuring and marketing farm forest products; wood preservation. Florida conditions.

FY. 318.—Forest Utilization and Products. 3 hours. 3 credits.

Rough forest products, poles, piling, logs, cross-ties, posts, pulp-wood, mine timbers, boxes and crates, cooperage, furniture and flooring, veneers and plywood, naval stores industry—field operations, turpentine still and products.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

FY. 320.—Silviculture. 1 hour, and 8 hours field and laboratory. 3 credits. Prerequisite: FY. 311.

Factors influencing natural regeneration; methods of cutting to secure natural regeneration; methods of cutting for stand improvement; slash disposal; preparation of silvicultural plans.

FY. 351.—Forest Conservation. 3 hours. 3 credits.

Brief history of the forest conservation movement in the United States with particular emphasis on the southern states and Florida, including the work of several states, various agencies of the federal government, private associations and individuals.

FY. 353.—Principles of Wildlife Management. 3 hours. 3 credits. Offered 1, 2.

The basic principles and concepts of wildlife as a crop, its increase, conservation and management, inclusive of game birds, fish, and mammals.

FY. 354.—Techniques in Wildlife Management. 1 hour, and 6 hours of laboratory or field work. 3 credits. Prerequisite: FY. 353. Offered 2.

The study and practice of field and laboratory techniques essential to the management of wildlife populations.

FY. 407.—Forest Recreation. 1 hour, and 4 hours laboratory. 3 credits.

Practical experience in designing of recreational areas. Construction, use, care, etc., of such areas.

FY. 409.—Forest Finance. 3 hours. 3 credits.

Forests as investments, interest rates, carrying charges, maturity, relation of intermediate to final and net incomes, and forest insurance.

FY. 410.—Forest History and Policy. 2 hours. 2 credits. Open to seniors only.

History of forest land use in the United States. Development of conservation agencies and study of federal and state laws affecting forests.

FY. 412.—Seminar. 1 hour. 1 credit. Offered 1, 2.

Round-table discussion of the trends, developments, problems, etc., that are found in forestry from time to time.

FY. 413.—Regional Silviculture. 3 hours. 3 credits. Prerequisites: FY. 311, FY. 320.

The ecological and economic factors that influence silvicultural practice, and the application of silvicultural methods to the forests of the United States and Alaska.

FY. 414.—Wood Preservation and Seasoning. 1 hour, and 4 hours laboratory. 3 credits. Prerequisite: FY. 309.

Decay, preservatives, treating plants and apparatus, methods and costs, objects treated and results, fire proofing, painting and finishing woods, conditioning of wood-storage, stacking, air seasoning, kiln drying and schedules.

FY. 415.—Timber Physics and Timber Structures. 2 hours, 1 hour laboratory and conference. 3 credits. Prerequisite: FY. 309 and MS. 105. Offered 2.

Basic principles involved in analysis of timber and plywood structures; basic principles used in testing wood specimens; basic design of timber and plywood structures.

FY. 416.—Forest Management Working Plans. 1 hour, and 5 hours in field. 3 credits. Prerequisite: FY. 419.

Application of principles of Forest Management in making working plans for specific forest areas, beginning with the school forest working plans; measures for sustained yield, increase or reduction of growing stock.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

FY. 418.—Logging and Lumbering. 3 hours. 3 credits.

Utilization of major forest products; logging engineering, transportation, equipment, costs, lumbering manufacture, plant, milling practice, and merchandising products.

FY. 419.—Principles of Forest Management. 3 hours. 3 credits.

Principles of forest management, forest organization, management plans, subdivisions of forest area, forest regulations, cutting cycle, normal forest, etc.

FY. 420.—Forest Economics and Administration. 3 hours. 3 credits.

A world survey of forest resources; land economics as applied to forestry; supply, demand, price trends and forest net income, forest taxation, public and private forest administration.

FY. 421.—Kiln Drying of Lumber. 1 hour, and 4 hours laboratory. 3 credits. Prerequisite: FY. 309. Offered 1, 2.

Principles and practices of the kiln drying of lumber, temperatures, moisture, etc.

FY. 431.—Forest Problems Seminar. Lecture, field and laboratory work arranged. Variable credit. Offered 1, 2.

Discussion of and investigation in some particular field of Forestry or wildlife management. The student will be assigned to the member of the staff in whose field his interest lies.

FY. 432.—Forest Improvements. 1 hour, and 4 hours field work. 3 credits. Open to seniors only. Offered 2.

The character, installation and maintenance of the forest property necessary for administration and fire control.

FY. 434.—Applied Wildlife Management. 1 hour, and 6 hours of field work. 3 credits. Prerequisite: FY. 354. Offered 1.

The application of wildlife management techniques to the production of annual crops of wildlife.

FY. 435.—Applied Wildlife Management. 1 hour and 5 hours field. 3 credits. Prerequisite: FY. 434.

A continuation of FY. 434. The application of wildlife management techniques for the production of annual crops of wildlife.

FY. 436.—Waterfowl Management. 2 hours, and 3 hours of laboratory or field work. 3 credits. Prerequisite: FY. 353 and approval of Instructor.

The problems and principles concerned with the conservation and management of waterfowl populations.

FY. 441.—Logging and Milling Practice. 8 hours field work. 3 credits. Prerequisite: FY. 418. Offered 1, 2.

This course is offered as an elective to Forestry students ONLY. The student has practical work in sharpening axes and saws, driving crawler tractors, felling and bucking trees, skidding, and using a sawmill.

FY. 443.—Forest Statistics. 1 hour and 4 hours laboratory. 3 credits. Prerequisites: FY. 228, FY. 229.

Study of statistical procedures applicable to forest investigations. Problems and practice computations illustrating principles of experimental design and the reduction of experimental data.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

FY. 446.—Forest Photogrammetry. 1 hour and 5 hours field. 3 credits. Prerequisites: FY. 228, FY. 229.

Study of those principles of aerial photogrammetry applicable to forest land management. Practical experience in the use of photo interpretation and mapping equipment and in the application of approved methods and procedures.

GRADUATE COURSES

FY. 501.—Research Methods in Silviculture. 3 hours. 3 credits. Offered 1.

A survey of field and laboratory methods used in research and in silvics and silviculture. A review of the research programs of federal and state experiment stations.

FY. 502.—Research Problems in Silviculture. 3 to 6 credits. Offered 1, 2.

Individual research on a specific problem in silvics, forest tree seed, forest tree propagation, forest soils, forest ecology (including phenology), and practice of silviculture.

FY. 503.—Research Problems in Wood Utilization. 3 to 6 credits. Offered 1, 2.

Individual research in wood technology, wood preservation, naval stores, small sawmill operation, or pulpwood production.

FY. 504.—Research Problems in Forest Economics and Management. 3 to 6 credits. Offered 1, 2.

Individual research in forest economics, forest finance, or forest management.

FY. 505.—Research Methods in Wildlife Management. 2 hours, and 3 hours of laboratory or field work. 3 credits.

A detailed study of field and laboratory procedures used in wildlife research.

FY. 506.—Research Problems in Wildlife Management. Variable amount of lecture and laboratory or field work. 3 to 6 credits.

Individual research on specific problems in the field of wildlife management.

FRENCH

Instructional Staff 1950-51

Brunet, J., Head; Kurth, A. L., Wallace, M. J., Capretz, P. J.

The undergraduate major requirement of a minimum of 24 semester hours earned in colleges or universities must include FH. 305-306 and FH. 307-308, or their equivalent.

French majors are urged to include among their elective a minimum of one year of college Latin, if they have not had at least two years of Latin in high school. They are also urged to elect courses in French history. Students may elect for credit as little as three hours of French.

COURSES FOR UNDERGRADUATES

Courses numbered in the 300's and 400's are acceptable for credit towards a graduate minor as well as for undergraduate credit.

FH. 33.—First-Year French. 3 hours. 3 credits. The first half of the course FH. 33-34. Open to students who have had no previous work in French. Offered 1, 2, 3.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

FH. 34.—First-Year French. 3 hours. 3 credits. The second half of the course FH. 33-34. Offered 1, 2, 3.

FH. 35.—First-Year French. 6 hours. 6 credits. Open to students who have had no previous work in French. Offered 1.

The objective is to teach by sound instead of slower and more conventional methods. Phonographs, wire and tape recorders are extensively used. Four days a week are spent training the student to perceive by ear and to reproduce simple, idiomatic French of graded difficulty. The remaining two days are devoted to explanation, dictation and reading aloud in French. The amount of work covered will be equivalent to that done in FH. 33-34.

FH. 201.—Second-Year French. 3 hours. 3 credits. The first half of the course FH. 201-202. Prerequisite: one year of college French or two years of high school French. Conducted in French. Offered 1, 2, 3.

Readings, practice in speaking.

FH. 202.—Second-Year French. 3 hours. 3 credits. The second half of the course FH. 201-202. Conducted in French. Offered 1, 2, 3.

FH. 205.—Second-Year French. 6 hours. 6 credits. Prerequisite: FH. 35. Offered 2.

Reading, discussion and oral drills based on texts read, with explanation of points of grammar and pronunciation, and with no translation into English. Conducted entirely in French. Reading material used the same as in FH. 201-202.

FH. 305.—French Composition and Conversation. 3 hours. 3 credits. The first half of the course FH. 305-306; either half may be taken for credit. Prerequisite: FH. 201-202, or the equivalent. Conducted in French. Offered 1.

FH. 306.—French Composition and Conversation. 3 hours. 3 credits. The second half of the course FH. 305-306; either half may be taken for credit. Prerequisite: FH. 201-202 or the equivalent. Conducted in French. Offered 2.

FH. 307.—Survey of French Literature. 3 hours. 3 credits. Prerequisite: FH. 201-202 or the equivalent. Conducted in French. Offered 1.

FH. 308.—Survey of French Literature. 3 hours. 3 credits. Prerequisite: FH. 201-202 or the equivalent. Conducted in French. Offered 2.

FH. 320.—The History of French Civilization. 2 hours. 2 credits. Prerequisite: two years of college French or the equivalent. Conducted in French. Offered 1.

FH. 321.—The History of French Civilization. 2 hours. 2 credits. Prerequisite: two years of college French or the equivalent. Conducted in French. Offered 2.

FH. 400.—French Literature, 1800-1850. 3 hours. 3 credits. Prerequisite: three years of college French or permission of the instructor. Conducted in French. Offered 1.

FH. 401.—French Literature, 1850-1900. 3 hours. 3 credits. Prerequisite: three years of college French or the equivalent. Conducted in French. Offered 2.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

With the approval of the department head and the Dean of the Graduate School the following courses may be taken for credit towards a graduate major. Every graduate major must, however, include courses at the 500 level, the proportion to be determined in each case by the department head and the Graduate Dean.

FH. 405.—Sixteenth-Century French Literature. 3 hours. 3 credits. Prerequisite: three years of college French or the equivalent. Conducted in French.

FH. 406.—French Literature, 1600-1660. 3 hours. 3 credits. Prerequisite: three years of college French or the equivalent. Conducted in French.

FH. 407.—French Literature, 1660-1715. 3 hours. 3 credits. Prerequisite: three years of college French or the equivalent. Conducted in French.

FH. 408.—French Literature, 1715-1800. 3 hours. 3 credits. Prerequisite: three years of college French or the equivalent. Conducted in French.

FH. 410.—French Literature, 1900-1950. 3 hours. 3 credits. Prerequisite: three years of college French or the equivalent. Conducted in French.

FH. 415.—Special Study in French. 3 hours. 3 credits. Prerequisite: three years of college French or the equivalent. Conducted in French.

Each time it is offered this course is announced in the schedule of courses with one of the following topics specified: Advanced Composition and Conversation; Explanation of Texts; Materials and Methods in the Teaching of French, French Pronunciation. With change of content FH. 415 may be elected for additional credit in subsequent sessions.

FH. 430.—Individual Work. 3 hours. 3 credits. Prerequisite: three years of college French or the equivalent. Offered 1, 2, 3.

By means of this course a student may study for credit any 400 course not currently scheduled. The work of the course consists of conferences, readings and reports. With change of content FH. 430 may be elected for additional credit in subsequent sessions. Each time it is elected the particular course studied must be entered in the student's record, as for example, FH. 430.—Individual Work—French Literature, 1660-1715.

COURSES FOR GRADUATES

Prerequisite: twenty-four semester hours or the equivalent of undergraduate work in French. These must include six hours in courses in French literature at the 400 level and six hours in composition and conversation. The student must have a reading knowledge of one foreign language other than French.

FH. 500.—Special Study in French Literature—The French Novel, 1500-1800. 3 hours. 3 credits. Offered 1, 2, 3.

FH. 500 is the study of *genres* and literary movements. Each time it is offered the course is announced in the schedule of courses with a special subject in French literature such as one of the following specified: French Drama, 1100-1800; French Drama, 1800-1900; The French Novel, 1500-1800; The French Novel, 1800-1900; French Poetry; French Literary Criticism; French Historians; French Philosophical Writers; French Classicism; French Romanticism; French Realism and Naturalism.

With change of content FH. 500 may be elected for additional credit in subsequent sessions.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

FH. 510.—Great Masters of French Literature—Moliere. 3 hours. 3 credits. Offered 1.

Study of the life and works of the great writers of France. Each time the course is offered it is announced in the schedule of courses with the name of the author studied. With change of content FH. 510 may be elected for additional credit in subsequent sessions.

FH. 510.—Great Masters of French Literature—Rabelais. 3 hours. 3 credits. Offered 2.

FH. 517.—Old French. 3 hours. 3 credits.

The study of the phonology, morphology and syntax of Old French.

FH. 518.—Old French. 3 hours. 3 credits.

The second half of the course FH. 517-518. The reading of selected monuments of the literature of France from the beginning to 1500.

FH. 519.—Comparative Grammar of the Romance Languages. 3 hours. 3 credits.

Comparative study of the phonology and morphology of French, Italian, Spanish, Portuguese and Rumanian, with some reference to the minor Romance languages.

FH. 520.—Comparative Grammar of the Romance Languages. 3 hours. 3 credits.

Comparative study of the syntax of French, Italian, Spanish, Portuguese and Rumanian, with some reference to the minor Romance languages.

FH. 530.—Individual Work. 3 hours. 3 credits. Offered 1, 2, 3.

By means of this course a student may study for credit any 500 course in French not currently scheduled. The work of the course consists of conferences, readings and reports. With change of content FH. 530 may be elected for additional credit in subsequent sessions. Each time it is elected the name of the particular course studied must be entered in the student's record as, for example, FH. 530.—Individual Work-Molière.

GENERAL SCIENCE

Instructional Staff 1950-51

White, J. B.; Bingham, N. E., Elliott, L. P., Tison, J. P.

GL. 301.—Children's Science. 2 hours lecture and 2 hours laboratory. 3 credits. Offered 1, 2, 3.

To help elementary teachers become familiar with the scientific method and to acquire a background for sciences and materials in keeping with trends in modern elementary school practice.

GL. 302.—Children's Science. 2 hours lecture and 2 hours laboratory. 3 credits. A continuation of GL. 301. Offered 1, 2.

GL. 305.—Teaching Science in High School. 3 hours. 3 credits. Offered 3.

Actual practice in the teaching of general science, chemistry, physics, and biology. The students will organize the subject matter, set up the necessary apparatus, and take turns at teaching before the other members of the class. The guiding philosophy will be that of modern science. The chief aim will be to develop teachers who can teach in keeping with the method of science and develop scientific mindedness on the part of their pupils.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

GL. 306.—Teaching Science in High School. 3 hours. 3 credits. A continuation of GL. 305.

Collecting teaching materials, buying apparatus and building it in the home and school shops.

GEOGRAPHY

Instructional Staff 1950-51

Diettrich, S. deR., Head; Cross, C. I., Day, R. L., Dunkle, J. R., Dyer, D. R., Pierson, W. H., Ragan, W. J.

An undergraduate major in the College of Arts and Sciences consists of a minimum of twenty-four semester hours, including GPY. 203, 204, 323, 330, 381, and 382. Work in other departments which is required as subsidiary to this major includes ES. 205, ES. 206 and GY. 203.

Courses marked (**) do not give major credit.

GPY. 203.—Elements of World Geography, I. 2 hours, and 2 hours laboratory. 3 credits. Offered 1.

The earth considered as the environment of man. Elements of man's physical environment including land forms, climate, soils, vegetation, animal life, climatic regions and natural resources and the relation of their distribution to human affairs.

GPY. 204.—Elements of World Geography, II. 3 hours. 3 credits. Offered 2.

A continuation of GPY. 203, with greater emphasis on the economic and political aspects of geography. Population problems, race, language, and religion, and especially the regional distribution of occupations and environmental adjustments that lead to the interdependence of peoples and nations, and the political influences of geographic factors.

GPY. 295.—Geography of the Americas. 3 hours. 3 credits. Offered 1.

A regional survey of the lands and peoples of Anglo- and Latin America; location, surface features, climate; population; natural resources and their use; an analysis of the present day nations and their economic, political and social environment.

GPY. 305.—Geography of Florida. 3 hours. 3 credits. Offered 1.

The geographic conditions and human adjustments in the major regions of Florida. The distribution of population, routes of communication, industries, resources, and strategic location in their geographical and historical aspects; explanation and interpretation of major phenomena such as weather and climate, geologic structure and land forms, surface and underground drainage, shoreline characteristics, natural vegetation, soil types, and animal life. Optional field trips.

GPY. 312.—Plant and Animal Geography. 3 hours. 3 credits. Offered 2.

The world distribution of the major types of plant and animal associations in relation to climate, topography and other factors, and the influences of plants and animals on human activities.

****GPY. 315.—Principles of Human Geography.** 3 hours. 3 credits. Offered 1, 3.

The nature of geography as a physical science and a social study. Land forms, climate, vegetation, soils and mineral resources related to man's economy on a climatic regional basis. Opportunity given to study the place and purpose of geography in elementary and secondary schools.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

****GPY. 317.—Principles of Global Geography.** 3 hours. 3 credits. Offered 2.

Complementing GPY. 315. It stresses the influence of physical and economic environment upon man's cultural and political history; the distribution of cultural elements including race, languages and religions and their relation to world social and political patterns. Opportunity given to study geographic topics related to school curricula.

GPY. 323.—Elementary Climatology. 3 hours. 3 credits. Offered 1.

The elements of climate, weather types and storms; classifications and distribution of climatic types; descriptive and explanatory analysis of the climates of the world.

GPY. 330.—Maps, Charts and Graphs. 2 hours and 2 hours laboratory. 3 credits. Offered 2.

Elementary cartography and map interpretation; map projections; geographic and geologic symbols; methods of graphic presentation used in the different sciences, including block diagrams, structural diagrams, statistical maps, cartograms, slope, soil erosion and land utilization maps; field mapping and field techniques essential to the preparation and use of geographic and geologic maps.

GPY. 381.—Economic Geography of Anglo-America. 3 hours. 3 credits. Offered 1, 3.

A geographical survey of the continent north from the Rio Grande with special reference to the natural resources of the United States. The analysis of the major regions of the United States and Canada.

GPY. 382.—Principles of Resource Utilization. (Identical with ES. 382.) 3 hours. 3 credits. Offered 2, 3.

For description see ES. 382.

GPY. 385.—Economic Geography of South America. 3 hours. 3 credits. Offered 1.

A geographical survey of the continent of South America, organized around the growth of trade, exports and imports, trade by countries, and general business trends; the economic conditions that influence commercial advance or decline; the major geographic regions; their importance in supplying export products and in consuming import commodities.

GPY. 386.—Economic Geography of Caribbean America. 3 hours. 3 credits. Offered 2, 3.

An economic geography course covering the West Indies, Mexico, Central America and the Caribbean parts of Colombia and Venezuela. The commercial importance of each republic and island as a market for American goods and as a source of raw materials and foodstuffs; Florida's commercial position in such trade.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

GPY. 405.—Advanced Regional Geography. 3 hours. 3 credits. Prerequisite: Permission of student's adviser.

An intensive study of geographic problems in selected regions. Designed for advanced students in geography and related subjects.

GPY. 430.—Map and Landscape Interpretation. 4 hours laboratory. 2 credits. Offered 2.

Physical and cultural interpretation of American and foreign maps. Maps in military operations, land-use studies and planning. Relating maps, aerial photographs, and landscapes through field observations.

Not acceptable for graduate credit in Geography.

GPY. 436.—Historical Geography of the United States. 3 hours. 3 credits. Prerequisite: Permission of student's adviser. Offered 3.

The role of geographic factors in the settlement, economic development, and political history of the nation.

GPY. 448.—Geography of the South. 3 hours. 3 credits. Prerequisite: Permission of student's adviser. Offered 2.

The natural environment of the South in relation to the cultural, economic, and political conditions of the region, and to the nation as a whole, with special emphasis upon the problems of southern resources and their use; organized mainly on a regional basis.

GPY. 449.—Geography of Africa, Australia and Oceania. 3 hours. 3 credits. Prerequisite: Permission of student's adviser. Offered 2.

The natural regions, resources, populations, economic activities, problems of settlement and colonization.

GPY. 486.—Economic Geography of the Far East. 3 hours. 3 credits. Prerequisite: Permission of student's adviser. Offered 2.

The distribution of natural resources and their economic uses in the Far East, covering India, China, Japan, and Southeastern Asia.

GPY. 487.—Economic Geography of Europe. 3 hours. 3 credits. Prerequisite: Permission of student's adviser. Offered 2.

The characteristics and distribution of population and of economic activities in Europe as related to the natural resources of the continent; relationships to other parts of the world, especially North America.

GPY. 488.—Economic Geography of the USSR. 3 hours. 3 credits. Prerequisite: Permission of student's adviser. Offered 1.

A geographic survey of the USSR organized around the economic development of the country, with special reference to the significance of the USSR in the economic and political problems of the modern world. A study of economic regions, resources, and potentialities.

GPY. 489.—Economic Geography of the Near East. 3 hours. 3 credits. Prerequisite: Permission of student's adviser. Offered 1.

A geographic survey of Southwest Asia and Egypt organized around the economic development of the area, with special reference to the significance of the Near East in the economic and political problems of the modern world. A study of economic regions, resources and potentialities.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

GPY. 490.—Field Course in Resource Utilization. 1 hour class, 1 day field work per semester week. 3 credits. Prerequisite: ES/GPY 382. Offered 3.

An integrated study of the problems of local resources and their use in a designated unit area, such as a country or a city. The course consists of a combination of classwork and fieldwork. Course to be offered either during the regular session, in which case the field work will consist of an appropriate number of weekend trips, or during the summer when it will operate as a continuous field trip in a selected area.

GPY. 499.—Special Topics in Geography. Variable credit. Prerequisite: Permission of student's adviser.

This course is offered to make it possible for a student to study for credit, aspects of geography for which there are no special course offerings.

GRADUATE COURSES

Prerequisites: Bachelor's degree with a major in geography or its equivalent.

All candidates for a degree in geography are expected to take a field course and appropriate seminars.

Certain courses are available for major credit for both advanced undergraduate and graduate students. These include: GPY. 405, 436, 448, 449, 486, 487, 488, 489. No graduate major, however, may be complete without adequate credits at the 500 level.

GPY. 500.—Field Course in Geography. 3 credits. Offered 3.

Methods of geographical field work. Observation, classification, interpretation, note taking, traversing and mapping of data. Areal analysis; landforms, climate, vegetation, soils, resources, settlement patterns and land use. Eighteen work days of which not less than twelve are field work. Required of all candidates for graduate degrees in geography.

GPY. 503.—Advanced Cartography. 3 hours. 3 credits. Open to undergraduate students by Instructor's permission. Offered 2.

Supervised training and practice in map compilation and drafting for the attainment of advanced skill in cartographic techniques.

GPY. 514.—Regional Climatology. 3 hours. 3 credits. Offered 2.

Intensive study of climatic conditions and controls in selected regions; microclimatology; applications in agriculture, industry, merchandising, transportation, medicine, and other fields.

GPY. 523.—Geography of World Agriculture. 3 hours. 3 credits. Offered 1.

World distribution of crops and domesticated animals in relation to natural and cultural conditions; discussion of problems of agriculture in terms of products, economic organization and agricultural regions; significance in world affairs.

GPY. 530.—Studies in Political Geography. 3 hours. 3 credits. Offered 2.

Influence of geographic factors upon the political development of the world; concepts of political geography; theories of its leading exponents; discussion of leading powers.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

GPY. 551.—Population Geography. 3 hours. 3 credits.

World-wide distribution of population; the areal distribution of populations in relation to the features of the environment in selected areas; problems of adjustment; population-supporting capacity.

GPY. 580.—Development of Geographic Thought. 3 hours. 3 credits. Prerequisite: permission of instructor. Offered 1.

Development of geographic knowledge and thought as illustrated by the writings of representative geographers and scientists in related fields; present geographic philosophies in the United States and abroad.

GPY. 581.—Readings in Geography. 1 to 3 hours credit. Offered 1.

A reading course for graduate students in geography, open by special permission of the head of the department for advanced undergraduate students. Selected books and articles of representative geographers will be read and evaluated. The amount of work required will be adjusted to the credit hours assigned.

GPY. 582.—Regional Seminar. 3 hours. 3 credits. Prerequisite: GPY. 405. Offered 1.

Discussion and directed research in the geography of selected regions.

GPY. 583.—Research Seminar. 3 hours. 3 credits. Prerequisite: Graduate status with a major or minor in geography. Offered 1.

Research in selected topics. Written report required.

GPY. 589.—Problems in Economic Geography. 3 hours. 3 credits. Prerequisites: GPY. 381 and GPY. 385.

A lecture and research course analyzing the geographic and economic factors affecting the industrial and commercial development of the leading countries of the world. Students will be required to make intensive individual studies of selected subjects.

GPY. 590.—Thesis Seminar. 3 hours. 3 credits. Offered 2.

GEOLOGY

Instructional Staff 1950-51

Edwards, R. A., Acting Head; Pirkle, E. C., Rappenecker, C.

Students majoring in geology are required to take GY. 203, GY. 204. These courses should be elected as early as is practicable.

Courses marked (**) do not give credit toward a major or group major, except by specific permission of the Head of the Department.

GY. 203.—Elements of Physical Geology. 2 hours and 2 hours laboratory or field work. 3 credits. Prerequisite: C-2. Offered 1, 2, 3.

A study of minerals and rocks and their formation, the operation of geological processes, land forms and their interpretation, and the applications of geological knowledge to human affairs, especially in reference to natural resources and agriculture.

GY. 204.—Elements of Historical Geology. 2 hours, and 2 hours laboratory or field work. 3 credits. Prerequisite: GY. 203. Offered 2.

The geologic history of the earth and its inhabitants. The origin of the earth, the formation of the most ancient rocks, the major physical events and the evolutionary changes in the animal and plant worlds, the present distribution of surface features, economic resources and life.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

****GY. 207.—Topography and Geology of Florida.** 2 hours, and 2 hours laboratory or field work. 3 credits.

An interpretation of the topography, scenery and geology of Florida in the light of the principles of physical and historical geology. Special attention is devoted to the mineral resources of the State.

****GY. 210.—Engineering Geology.** 2 hours, and 3 hours laboratory or field work. 3 credits. Prerequisite: CY. 101 or CY. 105. Offered 1, 2.

The several fields of geology having significance in the location of engineering structures and installations; the identification of common rock-forming minerals and rocks; the processes of weathering and erosion; structure; surface features and geologic history with their interpretation from topographic and geologic maps. For Civil Engineers.

GY. 306.—Crystallography. 4 hours lecture-laboratory. 2 credits. Offered 2.

A study of the crystal systems including, symmetry, axial ratios, parameters, indices, twins, and pseudomorphs.

GY. 307.—Rocks of the Atlantic and Gulf Coastal Plains. 2 hours, and 2 hours laboratory. 3 credits.

Origin, distribution, characteristics and properties of the sedimentary rocks of the Coastal Plain, of their economic uses and their relation to human problems.

GY. 308.—Elementary Mineralogy and Petrology. 1 hour, and 4 hours laboratory. 3 credits. Offered 1.

Characteristics and identification of important minerals and rocks, by methods not involving the use of the microscope.

GY. 309.—Structural Geology. 3 hours. 3 credits. Prerequisite: GY. 203. Offered 2.

Structural features of the earth, their causes, recognition and interpretation, to include the mechanics of folding, faulting and other deformations of the outer shell of the earth.

GY. 321.—Elementary Paleontology. 2 hours and 2 hours laboratory. 3 credits. Prerequisite or corequisite: C-6 or the equivalent. Offered 1.

Characteristics and identification of important groups of invertebrate fossils and the use of fossils in the identification of rocks, with special reference to the stratigraphy of the Coastal Plain.

GY. 340.—Interpretation of Geologic Maps. 4 hours laboratory. 2 credits. Prerequisite or corequisite: GY. 309. Offered 2.

Surface and subsurface geologic features as they are represented on topographic and geologic maps.

GY. 350.—Ground Water Geology. 3 hours. 3 credits. Prerequisite: GY. 204 or equivalent. Offered 2.

General principles of ground water geology, origin, composition and geologic control of accumulation, migration and emergence. Some field trips to be arranged.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

GY. 401.—Physiography of North America. 2 hours, and 2 hours laboratory or field work. 3 credits. Offered 1, 3.

An analysis and interpretation of the evolution of present-day surface features and the principles for regional classification of the land areas of the earth. A detailed study of the physiographic regions of North America and their significance in the study of geology and geography.

GY. 402.—The Geology and Mineral Resources of Florida. 2 hours, and 2 hours laboratory or field work. 3 credits.

Geological history, stratigraphy, and mineral resources of the State.

GY. 412.—Economic Geology-Nonmetals. 3 hours. 3 credits. Prerequisite: GY. 204 or equivalent.

Origin and the geological factors responsible for the location and accumulation of coal, petroleum, building stones, salines, gypsum, phosphates, feldspars, kaolin, Fuller's earth, and other nonmetallic materials.

GY. 413.—Economic Geology-Metals. 3 hours. 3 credits. Prerequisite: GY. 204 and 308 or equivalents.

Mineral composition of the ores, mode of origin and the geologic factors responsible for the location and accumulation of iron, aluminum, copper, tin, lead-zinc, silver, gold, manganese, mercury and other important metals.

GY. 415.—Advanced Physical Geology. 3 hours. 3 credits. Offered 1.

Physical nature of the earth and processes affecting the earth's surface.

GY. 416.—Advanced Historical Geology. 3 hours. 3 credits. Offered 2.

Origin and history of the earth and the development of plant and animal life during the geologic past, together with the principles of stratigraphy.

GY. 420.—Advanced Invertebrate Paleontology. 2 hours. 2 hours laboratory. 3 credits. Prerequisite: GY. 321 or equivalent.

Problems in Atlantic and Gulf Coast paleontology together with individual problems.

GRADUATE COURSES

GY. 509.—Shoreline and Marine Physiography. 3 hours. 3 credits. Offered 2.

Shore processes and shoreline development, including beach formation and erosion, the submarine topography and currents of the continental shelf. Occasional Saturday field trips.

GY. 510.—The Surface and Underground Waters of Florida. 3 hours. 3 credits.

Precipitation, run-off, surface and sub-surface erosion and the effects upon the composition of water, in a region of low relief and prevailing soluble rock. Occasional Saturday field trips.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

GERMAN

Instructional Staff 1950-51

Brunet, J., Head; Craps, J. E., Jones, O. F., Mauderli, M. O., Morgan, B. O., Runzler, W. T., Valk, M. E.

The undergraduate major requirement of a minimum of 24 semester hours earned in colleges or universities must include GN. 307-308 or its equivalent, and six additional semester hours in courses in German literature.

German majors are urged to include among their electives courses in French or Latin. They are also urged to elect courses in German history.

Students may elect for credit as little as three hours of German.

COURSES FOR UNDERGRADUATES

Courses numbered in the 300's and 400's are acceptable for credit towards a graduate minor as well as for undergraduate credit.

GN. 33.—First-Year German. 3 hours. 3 credits. The first half of the course GN. 33-34. Open to students who have had no previous work in German. Offered 1, 2, 3.

GN. 34.—First-Year German. 3 hours. 3 credits. The second half of the course GN. 33-34. Offered 1, 2, 3.

GN. 35.—First-Year German. 6 hours. 6 credits. Open to students who have had no previous work in German. Offered 1.

The objective is to teach by sound instead of slower and more conventional methods. Phonographs, wire and tape recorders are extensively used. Four days a week are spent training the student to perceive by ear and to reproduce simple, idiomatic German of graded difficulty. The remaining two days are devoted to explanation, dictation and reading aloud in German. The amount of work covered will be equivalent to that done in GN. 33-34.

GN. 100.—The German Lied. 2 hours. 2 credits. Prerequisite: one year of college German or the equivalent. May not be counted towards a major. Conducted in German. Offered 2.

Reading in German and brief literary interpretation of the most familiar songs in the concert repertoire.

GN. 201.—Second-Year German. 3 hours. 3 credits. The first half of the course GN. 201-202. Prerequisite: one year of college German or the equivalent. Conducted in German. Offered 1, 2, 3.

GN. 202.—Second-Year German. 3 hours. 3 credits. Prerequisite: three semesters of college German or the equivalent. Conducted in German. Offered 1, 2, 3.

GN. 205.—Second-Year German. 6 hours. 6 credits. Prerequisite: GN. 35. Offered 2.

Reading, discussion and oral drills based on texts read, with explanation of points of grammar and pronunciation, and with no translation into English. Conducted entirely in German. Reading material used the same as in GN. 201-202.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

GN. 305.—Composition and Conversation. 3 hours. 3 credits. Prerequisite: two years of college German or the equivalent. Conducted in German. Offered 1.

GN. 306.—Composition and Conversation. 3 hours. 3 credits. Prerequisite: two years of college German or the equivalent. Conducted in German. Offered 2.

GN. 307.—Survey of German Literature. 3 hours. 3 credits. Prerequisite: two years of college German or the equivalent. Conducted in German. Offered 1.

GN. 308.—Survey of German Literature. 3 hours. 3 credits. Prerequisite: two years of college German or the equivalent. The second half of the course GN. 307-308. Conducted in German. Offered 2.

GN. 320.—History of German Civilization. 2 hours. 2 credits. Prerequisite: one year of college German or the equivalent. The first half of the course GN. 320-321. Conducted in German.

GN. 321.—History of German Civilization. 2 hours. 2 credits. Prerequisite: one year of college German or the equivalent. The second half of the course GN. 320-321. Conducted in German.

GN. 325.—Scientific German. 3 hours. 3 credits. Prerequisite: two years of college German or the equivalent. Offered 1, 2.

GN. 326.—Scientific German. 3 hours. 3 credits. Prerequisite: two years of college German or the equivalent.

GN. 400.—The German Classical Period. 3 hours. 3 credits. Prerequisite: three years of college German or the equivalent. The first half of the course GN. 400-401. Conducted in German.

GN. 401.—The German Classical Period. 3 hours. 3 credits. Prerequisite: three years of college German or the equivalent. The second half of the course GN. 400-401. Conducted in German.

GN. 405.—German Drama of the Nineteenth Century. 3 hours. 3 credits. Prerequisite: three years of college German or the equivalent. The first half of the course GN. 405-406. Conducted in German. Offered 1.

GN. 406.—German Drama of the Nineteenth Century. 3 hours. 3 credits. Prerequisite: three years of college German or the equivalent. The second half of the course GN. 405-406. Conducted in German. Offered 2.

GN. 430.—Individual Work. 3 hours. 3 credits. Prerequisite: three years of college German or the equivalent. Offered 3.

By means of this course a student may study for credit any 400 course not currently scheduled. The work of the course consists of conferences, readings and reports. With change of content GN. 430 may be elected for additional credit in subsequent sessions. Each time it is elected the particular course studied must be entered in the student's record as, for example, GN. 430.—Individual Work—Drama of the Nineteenth Century, first half.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

With the approval of the department head and the Dean of the Graduate School the following courses may be taken for credit towards a graduate major. Every graduate major must, however, include courses at the 500 level, the exact proportion to be determined in each case by the department head and the Graduate Dean.

GN. 431.—History of the German Language. 2 hours. 2 credits. Prerequisite: three years of college German or permission of the instructor. Offered 2.

Phonological, morphological, syntactical and semantic changes, 750 A. D. to the present. Foreign and cultural influences on the language.

GN. 435.—Modern German Literature. 3 hours. 3 credits. Prerequisite: three years of college German or the equivalent. Conducted in German.

GN. 440.—The Modern Germanic Languages—Dutch, Afrikaans, Modern Icelandic. 3 hours. 3 credits. Prerequisite: three years of college German or permission of the instructor. Offered 2.

Morphological and syntactical features of the German dialects compared with the *schriftsprache*. Dutch, Afrikaans and Icelandic compared with modern German.

GN. 441.—The Modern Germanic Languages.—Danish, Norwegian and Swedish. 3 hours. 3 credits. Prerequisite: three years of college German or permission of instructor.

Comparison of Danish, Norwegian, Swedish and German.

COURSES FOR GRADUATES

Prerequisite: twenty-four semester hours or the equivalent of undergraduate work in German. These must include six hours in Courses in German literature at the 400 level and six hours in composition and conversation. The student must have a reading knowledge of one foreign language other than German.

GN. 500.—Great Masters of German Literature—Lessing. 3 hours. 3 credits. Conducted in German.

Study of the life and works of the great writers of Germany. Each time the course is offered it is announced in the schedule of courses with the name of the author studied. With change of content GN. 500 may be elected for additional credit in subsequent sessions.

GN. 503.—The Romantic Period. 3 hours. 3 credits. Conducted in German. Offered 1.

GN. 504.—German Lyric Poetry. 3 hours. 3 credits. Conducted in German. Offered 2..

GN. 505.—Types of German Prose Fiction—Sixteenth, Seventeenth and Eighteenth Centuries. 3 hours. 3 credits. Conducted in German.

GN. 506.—Types of German Prose Fiction—Nineteenth and Twentieth Centuries. 3 hours. 3 credits. Conducted in German.

GN. 509.—Middle High German. 3 hours. 3 credits. Conducted in German.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

GN. 510.—Middle High German. 3 hours. 3 credits. The second half of the course GN. 509-510. Conducted in German.

GN. 517.—Gothic. 3 hours. 3 credits. Offered 1.

GN. 518.—Old German. 3 hours. 3 credits.

GN. 519.—Old Icelandic. 3 hours. 3 credits.

GN. 530.—Individual Work. 3 hours. 3 credits. Offered 1, 2, 3.

By means of this course a student may study for credit any 500 course not currently scheduled. The work of the course consists of conferences, readings and reports. With change of content GN. 530 may be elected for additional credit in subsequent sessions. Each time it is elected the name of the particular course studied must be entered on the student's record as, for example, GN. 530.—Individual Work—Gothic.

GREEK

Instructional Staff 1950-51

Brunet, J., Head; Aratowsky, B.

Through Greek 430, Individual Work, an undergraduate major is offered in Greek. By means of the same course a graduate minor may be earned.

Greek majors are urged to include among their electives courses in Latin, or a modern language. They are also urged to elect courses in ancient history.

Students may elect for credit as little as three hours of Greek.

GK. 33.—First-Year Greek. 3 hours. 3 credits. The first half of the course GK. 33-34. Offered 1.

GK. 34.—First-Year Greek. 3 hours. 3 credits. The second half of the course GK. 33-34. Offered 2.

GK. 105.—The Greek Element in English. 2 hours. 2 credits. Offered 2.

An intensive study of Greek words in all varieties of current English, including scientific vocabularies. Open to all students. No prerequisite. No previous knowledge of Greek is required. May not be used for major credit. Given alternately with Latin 105.

GK. 201.—Second-Year Greek. 3 hours. 3 credits. The first half of the course GK. 201-202.

The translation of Plato's *Apology*. Grammar study.

GK. 202.—Second-Year Greek. 3 hours. 3 credits. A continuation of GK. 201.

The translation of Plato's *Crito*, parts of the Phaedo, and selections from Xenophon's *Memorabilia*. Grammar study.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

GK. 430.—Individual Work. 3 hours. 3 credits. Prerequisite: two years of college Greek and permission of the instructor. Offered 1, 2, 3.

By means of this course a student may study for credit subjects in Greek literature, Greek language and Greek civilization for which there are no special course offerings. By means of this course it is possible to complete an undergraduate major or a graduate minor. With change of content Greek 430 may be elected for credit in subsequent sessions. The instructor will arrange for Greek undergraduate majors and for Greek graduate minors an appropriate sequence of studies to be completed through repeated elections of Greek 430. Each time Greek 430 is elected the particular subject studied must be entered in the student's record as, for example, GK. 430.—Individual Work—The Iliad.

HISTORY

Instructional Staff 1950-51

Patrick, R. W., Head; Baringer, W. E., Bentley, G. R., Doty, F. A., Dowd, D. L., Funk, A. L., Glunt, J. D., Groth, J. H., Hammond, E. A., Hanna, P. L., Harrison, J. A., McAlister, L. N., Osborn, G. C., Payne, A. N., Proctor, S., Reynolds, J. H., Svarlien, O., Thompson, A. W., Williamson, E. C., Worcester, D. E.

The courses in History are designed to give students the economic, social, political, and general cultural background of the Modern World. Special emphasis is placed on American History; and students, whatever their colleges or chosen fields of specialization, are urged to take at least one course in the history of the United States.

A departmental major comprises a minimum of twenty-four hours. Although there are no rigid course requirements, students should proceed from general surveys to the detailed and specialized courses. A foreign language should be elected at least as early as the sophomore year. Students who plan to major in history should consult the student adviser of the Department.

COURSES FOR UNDERGRADUATES

HY. 201.—History of World Civilizations to 1650. 3 hours. 3 credits. Offered 1, 3.

Prehistoric Man, the Oriental, Classical, Arabic and Byzantine Civilizations and the Western traditions through the Middle Ages, the Renaissance and the Reformation. Emphasis is placed on the political, economic, social, religious and cultural developments.

HY. 202.—History of World Civilizations, 1650 to the Present. 3 hours. 3 credits. Offered 2, 3.

The historical evolution of nationalism and the modern state; the global struggle for power; the spread of European science, technology, industrialism and imperialism throughout the world; the development of contemporary political, social and economic institutions and ideas. The central theme is the expansion of the influence of Western Europe, with some attention to the rise of the United States as a world power.

HY. 245.—United States History to 1865. 3 hours. 3 credits. Offered 1, 2, 3.

A survey of the political, economic, social and intellectual development of the people of the United States from the founding of Britain's colonies in North America through the American Civil War.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

HY. 246.—United States History, 1865 to the Present. 3 hours. 3 credits. Offered 1, 2, 3.

Reconstruction, the Age of Big Business, the United States as a world power, World War I, the great depression and the New Deal, World War II and its aftermath will be studied in an interpretative survey.

HY. 307.—Ancient Civilizations. (Formerly HY. 401). 3 hours. 3 credits. Offered 1.

A study of the circumstances involved in the rise of the civilizations of the Ancient Orient and the Greek City States. Stress will be on the economic, political, cultural, ideological and religious factors which have a vital bearing on Western Civilization of the present day.

HY. 308.—Ancient Civilizations. (Formerly HY. 402). 3 hours. 3 credits. Offered 2.

A study of the various aspects of Hellenism, the Roman Republic and the Roman Empire. Emphasis will be on the economic, political, cultural, ideological and religious factors which have a vital bearing on Western Civilization of the present day.

HY. 313.—The Early Middle Ages. 3 hours. 3 credits. Offered 1.

A survey of the origins of modern European civilization from the Roman Empire to the thirteenth century. Particular attention will be given to the development of Christianity, the classical heritage of the Middle Ages, the barbarian migrations, feudalism, and the crusades.

HY. 314.—The Late Middle Ages. 3 hours. 3 credits. Offered 2.

A survey of the origins of Modern European Civilization in the thirteenth, fourteenth, and fifteenth centuries. Emphasis will be placed on the decline of the medieval church, the growth of a monetary and an urban economy, the rise of a middle class, and the main currents of medieval thought and letters.

HY. 323.—Early Modern Europe. (Formerly HY. 240). 3 hours. 3 credits.

A survey of Western Europe from the Reformation to the French Revolution. The changing religious, economic, social and political institutions are studied in some detail, and the contrast between absolutism and representative government is emphasized.

HY. 325.—Nineteenth Century Europe. (Formerly HY. 241). Offered 1, 3.

A survey of the nineteenth century background of contemporary Europe since the French Revolution. Detailed attention is given to the impact of liberalism, nationalism and industrialism upon European political, social, economic, religious and cultural life.

HY. 326.—Twentieth Century Europe. 3 hours. 3 credits. Offered 2.

Europe in its political, social, economic and cultural aspects from World War I to the present. The persistent problems of depressions, conflicting ideologies and world wars are analyzed.

HY. 335.—English History to 1689. (Formerly HY. 361). 3 hours. 3 credits. Offered 1.

A survey of English History from early times to the Glorious Revolution, with emphasis on Medieval England, the rise of the state, the Tudor and Stuart periods and the economic and political developments.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

HY. 336.—English History, 1689 to the Present. (Formerly HY. 362). 3 hours. 3 credits. Offered 2, 3.

A survey of the political, economic and social changes from the Glorious Revolution to the present, with emphasis on the extension of English influence throughout the world in the eighteenth and nineteenth centuries.

HY. 351.—Florida History to 1860. 3 hours. 3 credits. Offered 1, 2, 3.

The Spanish discovery of, exploration in, and expansion from the Caribbean Islands; Spain in Southeastern North America; the imperial conflict for Florida; the British period; the Second Spanish period; the United States acquisition of the Floridas; the territorial period and the period of early statehood.

HY. 352.—Florida History, 1860 to the Present. 3 hours. 3 credits. Offered 1, 2.

Florida during the Civil War and Reconstruction; the development of agriculture and industry, society and education; political reaction and the progressive era; the tourist trade, urbanization, and contemporary politics.

HY. 371.—Colonial Latin-American History. (Formerly HY. 363). 3 hours. 3 credits. Offered 1, 3.

A survey of the discovery, exploration, and settlement of Latin America; the colonial systems of Spain and Portugal; the economic, social, political, and cultural developments in the colonies; and the Wars of Independence.

HY. 372.—Modern Latin-American History. (Formerly HY. 364). 3 hours. 3 credits. Offered 2.

A survey of Latin America from the Wars of Independence to the present, with particular attention to the fundamental political, economic, and cultural factors and to the increasing importance of Latin America in world affairs.

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

The courses numbered 400 through 492 are primarily for advanced undergraduates; but they may be taken for graduate minor credit, and for graduate major credit with the approval of the student's graduate supervisory committee. Additional work in these courses, especially on bibliography and historiography, will be required of graduate students. Under no circumstances will a graduate student be allowed to take more than fifty per cent of his graduate major in the 400 courses.

HY. 415.—The Renaissance. (Formerly HY. 307). 3 hours. 3 credits. Prerequisite: Junior standing or HY. 201-202. Offered 3.

The historical roots and development of the Renaissance. Humanism, the main schools of Renaissance art, the growth of the dynastic state, the culture of the middle class, and the expansion of Europe will be emphasized.

HY. 416.—The Reformation. (Formerly HY. 308). 3 hours. 3 credits. Prerequisite: Junior standing or HY. 201-202.

The historical origins of the Reformation, the reform movements within the Church, the revolts from its authority, and the Counter Reformation.

HY. 425.—The French Revolution. (Formerly HY. 309). 2 hours. 2 credits. Prerequisite: Junior standing or HY. 202 or HY. 325.

The causes, course and results of the French Revolution; the influence of personal leaders, political groups and social and economic forces; the interpretation of the Revolution which initiated modern times.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

HY. 426.—The Napoleonic Era. (Formerly HY. 310). 2 hours. 2 credits. Prerequisite: Junior standing or HY. 202 or HY. 325.

The rise, triumph, fall and significance of Napoleon; the social, economic, religious, cultural and scientific developments; the world implications of the era and the influence of the Napoleonic legend.

HY. 427.—Spain and Portugal to 1810. (Formerly HY. 446). 2 hours. 2 credits. Prerequisite: Junior standing or HY. 202. Offered 1.

The ancient Iberians; Roman Hispania; the Moslem period; independence of Portugal and consolidation of Spain; empire-building; predominance and decline; the enlightened despots; the Napoleonic invasions.

HY. 428.—Modern Spain and Portugal. (Formerly HY. 446). 2 hours. 2 credits. Prerequisite: Junior standing or HY. 202. Offered 2.

The loss of the Spanish and Portuguese colonies in America; independence from France; political discord; the Liberal movement; the establishment of the Portuguese and Spanish Republics; separatist movements in Spain; the Civil War; Spain and Portugal today.

HY. 430.—History of Modern France. (Formerly HY. 445). 3 hours. 3 credits. Prerequisite: Junior standing or HY. 202. Offered 2.

The historical development of the French people and their political, social, economic and religious institutions and the contributions of French leadership, ideas and culture since the Middle Ages.

HY. 432.—German History. (Formerly HY. 441). 3 hours. 3 credits. Prerequisite: Junior standing or HY. 202.

The origin and development of the German states; the unification of Germany; industrialism and imperialism, Germany as a world power, the Nazi regime and its aftermath.

HY. 433.—Russian History. (Formerly HY. 443). 3 hours. 3 credits. Prerequisite: Junior standing or HY. 201. Offered 1.

The origins of the Slavs and the formation of the Kieven state; the Mongol and Byzantine impact on early Russia; the rise of Muscovy and the creation of the Tsardom; the growth of an empire under Peter and Catherine; Russia and Europe during the Napoleonic era; the last days of orthodoxy and autocracy.

HY. 434.—Russian History. (Formerly HY. 444). 3 hours. 3 credits. Prerequisite: Junior standing or HY. 202. Offered 2.

The Great Reforms and the breakdown of Medieval Russia; revolution and reaction; the end of the old Russian empire; the Revolution, Lenin, Stalin and the Soviet state; the Comintern and Soviet foreign policy; the New Orthodoxy.

HY. 437.—The Constitutional History of England to 1689. (Formerly HY. 467). 3 hours. 3 credits. Prerequisite: Junior standing or HY. 201 or HY. 335. Offered 1.

The governmental institutions of the Anglo-Saxons; the modifications and innovations of the Normans; the Common law, courts and jury; the Constitution under Henry II; the Great Charter; the development and supremacy of Parliament.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

HY. 438.—Constitutional History of England, 1689 to the Present. (Formerly HY. 468). 3 hours. 3 credits. Prerequisite: Junior standing or HY. 202 or HY. 336. Offered 2.

The growth of political parties; the cabinet system and fusion of powers; political democracy; constitutional reforms and the struggle between Lords and Commons; the democratic state.

HY. 439.—The British Empire and Commonwealth to 1850. (Formerly HY. 461). 3 hours. Prerequisite: Junior standing or HY. 201 or HY. 336. Offered 1.

The British Empire from the Commercial Revolution to the middle of the nineteenth century.

HY. 440.—The British Empire and Commonwealth, 1850 to the Present. (Formerly HY. 362). 3 hours. 3 credits. Prerequisite: Junior standing or HY. 202 or HY. 336. Offered 1.

The British Empire and Commonwealth with emphasis on Canada and the British West Indies in their relationships with the United States.

HY. 443.—United States Thought and Culture to 1865. 2 hours. 2 credits. Prerequisite: Junior standing or HY. 245.

Origins and backgrounds of American culture; the developing patterns of thought; the integration of political, economic, and social development of the United States by a study of thought and culture.

HY. 444.—United States Thought and Culture, 1865 to the Present. 2 hours. 2 credits. Prerequisite: Junior standing or HY. 246.

The relationships between industrialization and urbanization and thought and culture; the impact of American ideas on the world.

HY. 445.—Colonial Society. (Formerly HY. 301). 2 hours. 2 credits. Prerequisite: Junior standing or HY. 245. Offered 1.

English colonization of North America and the islands; economic, political, and religious developments; life in the colonies.

HY. 446.—Era of the American Revolution. (Formerly HY. 301). 2 hours. 2 credits. Prerequisite: Junior standing or HY. 245. Offered 2.

English colonial policies; European imperialism in North America; economic, political, and social evolution; independence and military conflict; the Confederation period.

HY. 449.—Civil War and Reconstruction. 3 hours. 3 credits. Prerequisite: Junior standing or HY. 245. Offered 1.

The causes, course and results of the sectional struggle in the United States; the economic and social significance of Civil War and Reconstruction in the nation.

HY. 450.—Contemporary United States History. 3 hours. 3 credits. Prerequisite: Junior standing or HY. 246. Offered 2.

A study of the United States since 1920, with emphasis on domestic and foreign problems, manners and morals, depression and prosperity, war and global responsibility.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

HY. 451.—The Old South. (Formerly HY. 430). 3 hours. 3 credits. Prerequisite: Junior standing or HY. 245. Offered 1.

The South to the close of the Civil War: The impact of climate, soil and the plantation system upon Southern social, economic and political life, thought and actions; the sectional clash between North and South; the Civil War in the South.

HY. 452.—The New South. (Formerly HY. 431). 3 hours. 3 credits. Prerequisite: Junior standing or HY. 246. Offered 2, 3.

The South from the Civil War to the Present; the impact of the Civil War and Reconstruction; Bourbons and populists; agriculture and industry, society and culture; twentieth century politics.

HY. 454.—The West. (Formerly HY. 433). 3 hours. 3 credits. Prerequisite: Junior standing or HY. 245-246.

The Westward movement from the Atlantic piedmont to the Pacific, and the influence of the frontier in shaping the economic, social, and political conditions in the United States.

HY. 456.—The Growth of American Democracy. 3 hours. 3 credits. Prerequisite: Junior standing or HY. 245-246. Offered 2, 3.

The European backgrounds of Americans; the influence of climate and natural resources in making the American; the frontier, economic opportunity, the Americanization of immigrants; the economic, social, and political institutions which make the American way of life.

HY. 472.—Mexico and the Caribbean Area. (Formerly HY. 373). 3 hours. 3 credits. Offered 2.

Indian and colonial background; the West Indies as a center of international rivalry; Mexican independence; French intervention; the dictators, Santa Ana to Calles; the Mexican Revolution, 1910 to the present; the West Indies today; Central America in modern times.

HY. 474.—The Plata Region. (Formerly HY. 374). 3 hours. 3 credits. Prerequisite: Junior standing or HY. 371-372. Offered 2.

The Plata region from the colonial period to the present; Spanish influences; independence; the rise of modern Argentina, Uruguay, and Paraguay; the age of Rosas; the struggle for popular government; the Argentine design for hegemony.

HY. 475.—History of Brazil. (Formerly HY. 375). 3 hours. 3 credits. Prerequisite: Junior standing or HY. 371-372. Offered 1.

Colonial background, racial factors, influence of Portugal; the empire, republican movements and the New State.

HY. 476.—The Andean Republics. (Formerly HY. 376). 3 hours. 3 credits. Prerequisite: Junior standing or HY. 371-372.

Ancient civilizations of the Andes; the viceroyalty of Peru; independence; the rise of Chile, Peru, Boliva, Ecuador, and Colombia; the Andean republics today.

HY. 477.—Current Latin-American Problems. 3 hours. 3 credits. Offered 1.

Race and society; Indianism; latifundism; economic colonialism; church and state; the ideological conflict and struggle for hegemony.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

HY. 481.—The Far East, Early Modern Period. (Formerly HY. 405). 3 hours. 3 credits. Prerequisite: Junior standing or HY. 202. Offered 1.

Basic institutions of Chinese and Japanese life; the rise of the Manchu dynasty; the establishment of the Tokugawa Schogunate; the expansion of the West into India, Siberia and the Far East; the disintegration of the old regimes in China and Japan.

HY. 482.—The Far East, Modern Period. (Formerly HY. 406). Prerequisite: Junior standing or HY. 202. Offered 2, 3.

The Japanese Restoration and Modern Japan; the New Imperialism and the collapse of the Chinese state; the struggle for Korea; the Chinese Revolution and Republic; the expansion of Japan; authoritarianism in China and Japan; the United States in the Far East.

HY. 484.—The Near East in Modern Times. (Formerly HY. 426). 3 hours. 3 credits. Prerequisite: Junior standing or HY. 202. Offered 2.

Developments in the Balkan Peninsula and the Near and Middle East during the nineteenth and twentieth centuries. The forces of nationalism and imperialism in the Balkan states, Turkey, and the Arab lands.

GRADUATE COURSES

Both the Master of Arts and the Doctor of Philosophy degrees are offered by the Department of History. Graduate students desiring to take work leading to these degrees must have completed an undergraduate major in History of not less than 24 hours, or the equivalent of such a major.

For the Master of Arts degree, the student must take a minimum of 24 hours, 12 to 18 hours of which must be concentrated in two fields of History and 6 to 12 hours in a separate but related discipline. No credit earned in HY. 500 may be counted in fulfillment of the 24 hour requirement for the Master of Arts degree. In addition an acceptable thesis must be written and proficiency in reading one foreign language be demonstrated. For the Master of Arts degree it is recommended that courses be concentrated in two of the following fields: (1) United States History, (2) English History, (3) Modern European History, (4) Early Modern European History, (5) Latin-American History, (6) Ancient History, (7) Medieval History, (8) Far East or Middle East.

For the doctorate the primary area of History must be United States History and the thesis must be written in that field. A reading knowledge of French and German is required, unless the student's graduate supervisory committee recommends the substitution of another language for either French or German to supplement a research program. The student will be admitted to candidacy by passing the qualifying examination over the course content of his major and minor programs at least one year (9 months college residence) before the degree is granted. Areas in the field of the major which may be offered for the doctorate include: (1) United States History, (2) English History, (3) Modern European History, (4) Early Modern European History, (5) Latin-American History, (6) Medieval History. Four of these six must be offered for the major in the doctorate.

In general the student must be prepared to take sufficient course work so that in each of the areas he offers in History he will be able to pass written and oral examinations on (1) bibliography and historiography, (2) principal writings and schools of interpretations, (3) content and interpretation of the field. In most instances at least 12 hours of graduate course work in each area offered will be needed. A minor must be offered in another field of subject matter and while no specific course content is required, the minor department graduate committee of advisors will determine the requirement. Usually at least 12 hours of graduate course work will be necessary for the minor.

Graduate students must take HY. 503 and an overall minimum of at least one-half of their work in the 500 courses. Bibliography and historiography are an integral part of all graduate courses.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

HY. 500.—Thesis. Variable credit, maximum 6 hours. Credits earned for HY. 500 cannot be used to meet any of the 24 hours required for the degree of Master of Arts. Prerequisite: 12 hours of graduate credit. Offered 1, 2, 3.

Directed research and writing.

HY. 503.—Introduction to Historical Research. (Formerly HY. 506). Required of all graduate majors. Offered 1, 3.

The basic elements of historical method, bibliography and historiography.

HY. 509.—Directed study in Ancient Civilizations. (Formerly HY. 521). 3 hours. 3 credits.

Readings, reports and conferences on special topics in Hellenic History.

HY. 510.—Directed Study in Ancient Civilizations. (Formerly HY. 522). 3 hours. 3 credits.

Readings, reports and conferences on special topics in Roman History.

HY. 513.—Directed Study in the Early Middle Ages. 3 hours. 3 credits. Offered 1.

Readings, reports and conferences.

HY. 514.—Directed Study in the Later Middle Ages. 3 hours. 3 credits. Offered 2.

Readings, reports and conferences.

HY. 517.—History of Europe, 1648-1714. (Formerly HY. 523). 3 hours. 3 credits.

The Age of Louis XIV: The development of absolute monarchy; international rivalries; overseas expansion and world wars; intellectual and cultural aspects of the era.

HY. 518.—History of Europe, 1714-1789. (Formerly HY. 524). 3 hours. 3 credits.

The Age of Enlightenment: Attempted reform; cultural, economic, social aspects of the age; international conflicts; Europe on the eve of the French Revolution.

HY. 523.—The Age of Liberal and National Revolutions. 3 hours. 3 credits. Offered 1.

An intensive study of the political, social, economic, intellectual, religious, scientific and artistic developments in Europe between 1815 and 1870; interrelations of the various countries and the mutual influence of Europe and the rest of the world.

HY. 524.—The Age of Conflicting Imperialisms and Ideologies. 3 hours. 3 credits. Offered 2.

An intensive study of the political, social, economic, intellectual, religious, scientific and artistic developments in Europe between 1871 to 1918; the interrelations of the various countries and the mutual influence of Europe and the rest of the world.

HY. 525.—Seminar in Modern European History. (Formerly HY. 581). 3 hours. 3 credits.

Directed research on selected topics.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

HY. 526.—Seminar in Modern European History. (Formerly HY. 582). 3 hours. 3 credits.

Directed research on selected topics.

HY. 535.—The Tudor Period. (Formerly HY. 565). 3 hours. 3 credits. Offered 1.

A detailed study of England under the Tudors.

HY. 536.—The Stuart Period. (Formerly HY. 566). 3 hours. 3 credits. Offered 2.

A detailed study of England under the Stuarts.

HY. 537.—The Victorian Age. 3 hours. 3 credits.

The history of Great Britain in the nineteenth century: Reaction and reform, the age of Palmerston, the growth of democracy, economic development, Gladstone and Irish Home Rule, Disraeli and imperialism, foreign affairs and *Pax Britannica* in the nineteenth century.

HY. 538.—Seminar in English History. (Formerly HY. 590). 3 hours. 3 credits. Offered 3.

Research in special topics.

HY. 546.—Seminar in Colonial History. (Formerly HY. 501). 3 hours. 3 credits.

Research in special topics.

HY. 547.—United States: The Early National Period. 3 hours. 3 credits. Offered 3.

The United States from 1787 to 1815: Origins, formation and ratification of the Constitution; emergence of economic, social, and political cleavages; Federalists and Jeffersonian Republicans; the Napoleonic era and the War of 1812.

HY. 548.—United States: The Middle Period. 3 hours. 3 credits.

The United States from 1815 to 1860: The "Era of Good Feeling"; political factions and Jacksonian Democracy; humanitarian crusades and utopian experiments; literature and art; territorial expansion, protection, slavery and sectionalism.

HY. 550.—Seminar in United States History, 1830-1876. (Formerly HY. 503). 3 hours. 3 credits. Offered 2.

Research in special topics.

HY. 551.—The Emergence of Modern United States. (Formerly HY. 504). 3 hours. 3 credits. Offered 1.

The United States from 1877 to 1920: Big Business, urbanization and passing of the frontier; agrarianism, Populism, imperialism and progressivism; the New Freedom and World War I.

HY. 552.—Seminar in Recent United States History. 3 hours. 3 credits. Offered 2.

Research in special topics.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

HY. 553.—Political History of the South. 3 hours. 3 credits. Offered 1, 3.

An intensive study of the distinctive political trends in the South and of Southern contributions to American Political theory.

HY. 554.—Seminar in the South. 3 hours. 3 credits. Offered 2.

Research in special topics.

HY. 577.—Seminar in Latin-American History. (Formerly HY. 587). 3 hours. 3 credits. Offered 1.

Research in special topics. A reading knowledge of Spanish or Portuguese is required.

HY. 578.—Seminar in Latin-American History. (Formerly HY. 588). 3 hours. 3 credits. Offered 2.

Research in special topics. A reading knowledge of Spanish or Portuguese is required.

HY. 583.—The United States in the Far East. 2 hours. 2 credits.

History and impact of United States interests and policies in Eastern Asia. Stress will be laid on the study and analysis of basic personal and official records.

HORTICULTURE

Instructional Staff 1950-51

Wolfe, H. S., Head; Brooks, J. H., Stout, G. J., Watkins, J. V., Ziegler, L. W.

HE. 201.—Principles of Horticulture. 2 hours, and 2 hours laboratory. 3 credits. Desirable prerequisite: BTY. 101-102. Required of all horticulture majors. Offered 1, 2, 3.

Home and commercial production of fruits, vegetables and flowers. Both for students not expecting to major in horticulture and as an introductory course for horticulture majors which should be taken in the sophomore year. Textbook: Schilleter and Richey, *Textbook of General Horticulture.*

HE. 212.—Vegetable Gardening. 2 hours, and 2 hours laboratory. 3 credits. Desirable prerequisite: BTY. 101-102. Offered 1.

Principles and practice of vegetable growing, with special attention to the home garden. An introduction to further work in olericulture. Textbook: Thompson, *The Vegetable Crops.*

HE. 217.—Plant Propagation. 2 hours, and 2 hours laboratory. 3 credits. Desirable prerequisite: BTY. 101-102. Offered 1.

Principles and practices in the propagation of orchard and garden crops, and the physiological and economic factors related to them. Textbook: Kains and McQuesten, *Propagation of Plants.*

HE. 227.—Flower Growing. 2 hours, and 2 hours laboratory. 3 credits. Prerequisites: BTY. 101-102 or C-6. Offered 1.

The principles of flower culture, with special emphasis on the growing of annuals and perennials for the home garden.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

HE. 230.—Food Preservation. 1 hour, and 4 hours laboratory. 3 credits. Prerequisites: ACY. 125-126 or CY. 101-102. Offered 1, 2, 3.

Principles of fruit and vegetable preservation, with special emphasis on canning and freezing processes. Primarily for students in Vocational Agriculture. Textbook: Cruess, *Commercial Fruit and Vegetable Products.*

HE. 319.—Maintenance of Ornamental Trees and Shrubs. 2 hours, and 2 hours laboratory. 3 credits. Prerequisites: HE. 201, HE. 217. Offered 1.

Present practices in the management of the trees, palms and shrubs that are used in Florida landscape plantings. Factors influencing growth, transplanting, feeding, pruning, trends in wound dressings and cavity treatments, and the pruning of dooryard fruits that serve as ornamentals. Textbook: Pirone, *Maintenance of Shade and Ornamental Trees.*

HE. 341.—Citrus Growing. 2 hours, and 2 hours laboratory. 3 credits. Prerequisites: BTY. 101-102 or C-6. Offered 1, 3.

Citrus production and methods of culture designed to fill the need of the general student in agriculture. It is not to be taken for credit by citrus majors, but is required of students majoring in Agricultural Education and Agricultural Engineering. Textbook: Hume, *Cultivation of Citrus Fruits.*

HE. 351.—Garden Arrangement and Management. 3 credits. Offered 3.

An introduction to the plant materials used in gardens and in landscaping homes and school grounds, and to the maintenance of these plants. Open only to primary and secondary school teachers.

HE. 352.—Basic Floriculture. 2 hours, and 2 hours laboratory. 3 credits. Prerequisites: HE. 217, HE. 327, BTY. 311, SLS. 301-302. Offered 1.

Principles and practices involved in the management of greenhouses and the production of flower crops in the field as applied to Florida conditions. Textbook: Laurie and Kiplinger, *Commercial Flower Forcing.*

HE. 403.—Physiology of Fruit Production. 3 hours. 3 credits. Prerequisites: BTY. 311, HE. 201. Offered 1.

Physiological principles underlying the production of fruit crops. Textbook: Gardner, Bradford and Hooker, *Fundamentals of Fruit Production.*

HE. 405.—Physiology of Herbaceous Crops. 3 hours. 3 credits. Prerequisites: BTY. 311, HE. 201. Offered 2.

A study of the physiological principles underlying the production of vegetable and flower crops. Textbook: None.

HE. 412.—Deciduous Fruits. 2 hours, and 2 hours laboratory. 3 credits. Prerequisites: HE. 201, HE. 217, SLS. 301-302. Offered 2.

Culture of peaches, pears, persimmons, grapes and other deciduous fruits including the strawberry as grown in Florida. Textbook: Chandler, *Deciduous Orchards.*

HE. 419.—Commercial Bulb Crops. 2 hours, and 2 hours laboratory. 3 credits. Prerequisite: HE. 352. Offered 1.

Florida's growing bulb industry. Commercial methods employed in large acreage operations as well as container-grown specialties. One two-day field trip to producing areas in southern Florida will be required. Textbook: McLean, *The Gladiolus.*

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

HE. 420.—Nursery Operation. 3 hours. 3 credits. Prerequisites: HE. 319, HE. 429. Offered 2.

For students who plan to enter the nursery business. The preparation of layout plans for urban retail sales yards, rural roadside stands, structures, equipment, figuring landscape and maintenance jobs, labor forms and charts, and Florida nursery laws. Field trips to successful establishments are required. Textbook: Pinney, *Beginning the Nursery Business.* Subscription required to *American Nurseryman.*

HE. 421.—Commercial Truck Crops. 2 hours, and 2 hours laboratory. 3 credits. The first half of HE. 421-422. Prerequisites: HE. 212, SLS. 301-302. Offered 1.

HE. 421-422: A thorough study of the principles and practices involved in the successful production of vegetable crops on a commercial scale. In the first half of the course, the truck crop industry of the United States is surveyed, and the factors are pointed out which make for the success or failure of this enterprise in various parts of the country. A three-day field trip will be required. Textbook: Watts and Watts, *The Vegetable Growing Business.*

HE. 422.—Commercial Truck Crops. 2 hours, and 2 hours laboratory. 3 credits. The second half of HE. 421-422. Prerequisite: HE. 421. Offered 2.

In this part of the course attention is confined to Florida and to those cultural practices which have proven especially satisfactory here. Various other problems of the Florida truck grower are studied also, such as choice of varieties, frost protection, plant production, harvesting methods, etc. A three-day field trip is required.

HE. 423.—Major Subtropical Fruits. 3 hours. 3 credits. Prerequisites: HE. 201, HE. 217, SLS. 301-302. Offered 1.

A study of the propagation, culture and commercial production of the avocado, mango, and pineapple, with brief consideration of coffee, rubber and cacao. A field trip will be made for which a deposit of $7.50 must be made at time of registration. Textbook: None.

HE. 424.—Minor Subtropical and Tropical Fruits. 3 hours. 3 credits. Prerequisites: HE. 201, HE. 217, SLS. 301-302. Offered 2.

Studies of the culture and relationships of such fruits as the guavas, carissa, sapodilla, starapple, papaya, lychees, tamarind, etc. A field trip will be made for which a deposit of $7.50 must be made at time of registration. Textbook: None.

HE. 426.—Systematic Olericulture. 2 hours, and 2 hours laboratory. 3 credits. Prerequisite: HE. 421. Offered 2.

The origin, history, types, classification, nomenclature and adaptation of vegetables. Textbook: None.

HE. 429.—Ornamental Horticulture. 1 hour, and 4 hours laboratory. 3 credits. Prerequisites: BTY. 101-102, SLS. 301-302 and HE. 201, except by permission of the instructor. Offered 1, 2, 3.

Plant materials suitable for use in ornamental horticulture with special application to the beautification of homes and schools in Florida. Textbook: Bottomley, *New Designs for Small Properties* and *Plantings for Florida Homes.*

HE. 430.—Advanced Ornamental Horticulture. 1 hour, and 4 hours laboratory. 3 credits. Prerequisite: HE. 429. Offered 2.

Plant materials for use in landscape work, with more emphasis given to use in commercial landscaping and to tropical materials. Textbook: Same as for HE. 429.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

HE. 431.—Food Technology. 1 hour, and 4 hours laboratory. 3 credits. The first half of HE. 431-432. Prerequisites: ACY. 125-126 or CY. 101-102, HE. 201, or permission of instructor. Not open to students who have had HE. 230. Offered 1.

HE. 431-432: A study of all phases of the processing of fruits and vegetables by canning, freezing, and dehydrating, and of the products and by-products of this processing. In the first half of the course, attention is given mainly to the manufacture of jams, jellies, and confections, and of pickled, spiced and fermented products, and to the inspection and scoring of commercially processed foods. Textbook: Cruess, *Commercial Fruit and Vegetable Products.*

HE. 432.—Food Technology. 1 hour, and 4 hours laboratory. 3 credits. The second half of HE. 431-432. Prerequisite: HE. 431. Offered 2.

In this half of the course, attention is given chiefly to canning, freezing, and dehydration of fruits, vegetables, and their juices. A three-day field trip is required for which a deposit of $7.50 must be paid at registration. Textbook: None.

HE. 434.—Flower Shop Management. 2 hours, and 2 hours laboratory. 3 credits. Prerequisite: HE. 352. Offered 2.

The operation of a retail florist shop, with emphasis on the handling of plants and cut flowers, and on the making of wreaths, sprays, etc. Two field trips to urban flower shops and wholesale houses are required.

HE. 435.—Citrus Culture. 2 hours, and 2 hours laboratory. 3 credits. The first half of the course HE. 435-436. Prerequisites: HE. 201, HE. 217, SLS. 301-302. Offered 1.

The growing of citrus fruits, including propagation, selection of site, planting, grove operations, harvesting and varieties. A three-day field trip is required each semester for which a deposit of $7.50 must be made at registration. Any unused balance will be refunded.

HE. 436.—Citrus Culture. 2 hours, and 2 hours laboratory. 3 credits. The second half of the course HE. 435-436. Offered 2.

Textbook: *Hunger Signs in Crops.*

HE. 437.—Citrus Maturity and Packinghouse Procedure. 2 hours, and 2 hours laboratory. 3 credits. Prerequisite or co-requisite: HE. 435. Offered 1.

The maturity factors affecting market quality of citrus fruits, of the laws regulating the shipping or sale of citrus fruits, and of the operation of commercial packinghouses.

HE. 441.—Commercial Floriculture. 2 hours, and 2 hours laboratory. 3 credits. The first half of HE. 441-442. Prerequisite: HE. 352. Offered 1.

The cycle of commercial flower production throughout the year in field and greenhouse. Propagation, culture, harvesting, grading and marketing of the crops will be covered for the florist crops which can be grown in Florida. Textbook: Post, *Flower Crop Production.*

HE. 442.—Commercial Floriculture. 2 hours, and 2 hours laboratory. 3 credits. The second half of HE. 441-442. Prerequisite: HE. 441. Offered 2.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

GRADUATE COURSES

Prerequisites: Twenty hours of satisfactory work in Horticulture and ten hours of satisfactory work in Botany, besides basic courses in Soils, Entomology and Plant Pathology.

Through the cooperation of the Florida Agricultural Experiment Station and its branch stations, it is possible for thesis research in certain fields to be conducted at these stations. All thesis research for the Ph.D. will regularly be carried out at one of these stations.

HE. 503.—Horticulture Seminar. 1 hour. 1 credit. Offered 1, 2.

HE. 514.—Advanced Citriculture. 3 hours. 3 credits. Offered 1.

An advanced course in citrus growing, emphasizing the problems offered by varying sites, soils, climates, stocks and varieties.

HE. 515.—Advanced Olericulture. 3 hours. 3 credits. Offered 1.

Literature in plant pathology, morphology, and genetics as related to the production of truck crops.

HE. 518.—Advanced Floriculture. 3 hours. 3 credits. Offered 1.

A critical survey of the literature and problems of floriculture and ornamental horticulture.

HE. 520.—Citrus Production Management. 1 hour, and 4 hours laboratory. 3 credits. Offered 2.

A course designed to study various methods of tabulating and evaluating the functions of citrus trees in relation to fruit production. Emphasis will be placed on actual field recognition of the various factors in production and the means of properly organizing field management for the problems involved.

HE. 570.—Research in Horticulture. 1 to 6 hours. 1 to 6 credits. Offered 1, 2, 3.

INDUSTRIAL ARTS

Instructional Staff 1950-51

Williams, W. R., Jr., Head; Bergengren, R. F., Meyer, H. K., Neubauer, W. F., Strickland, T. W.

IN. 101.—Introduction to Industrial Arts. 6 hours. 3 credits. Offered 1, 2, 3.

Woodworking, pattern-making molding, metal working, plastics, sheet metal, ceramics, household mechanics, concrete construction, automotive mechanics, electricity, and drawing.

IN. 102.—Elementary Woodwork. 6 hours. 3 credits. Offered 1, 2, 3.

Projects, shop sketching, wood finishing, the development of abilities to use common tool techniques in hand woodworking, and the acquiring of related information.

IN. 103.—Elementary Mechanical Drawing. 6 hours. 3 credits. Offered 1, 2.

Care and use of drafting instruments, practice in sketching, lettering, dimensioning, orthographic projection, making of working drawings, and blueprint reading.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

IN. 104.—Advanced Mechanical Drawing. 6 hours. 3 credits. Offered 1, 2.

Sketching and dimensioning on machine parts; detail and assembly drawings; isometric, cabinet, and perspective drawings; pictorial representation; checking and tracing.

IN. 211.—General Bench Metals. 6 hours. 3 credits. (Formerly IN. 411). Offered 1, 2.

Hand tools and processes in metals, including forming, molding, raising, chasing, piercing and planishing; metal materials, including their properties, availability and application; basic sheet metals, including layout, development, soldering, seaming, wiring, and riveting.

IN. 303.—Machine Woodwork. 6 hours. 3 credits. Prerequisite: IN. 102 or approval of instructor. Offered 1, 2.

Power machinery and machine maintenance, and use of the jointer, tilting arbor bench saw, band saw, lathe, mortiser, drill press, router, shaper, and other small machines.

IN. 305.—Design and Construction in Wood. 6 hours. 3 credits. Prerequisite: IN. 303 or approval of instructor. Offered 1, 2, 3.

Basic principles of design and practice is given in their application to the design, construction, and finish of original projects in wood.

IN. 312.—Elementary School Handicrafts. 6 hours. 3 credits. (Formerly IN. 413). Offered 1, 2, 3.

Primarily for teachers. Individual creative expression in both structural and decorative design applications. The creation of simple projects in such media as leather, textiles, clay, reed, felt, linoleum block, metal, cork, and woods. Development of native craft materials is encouraged.

IN. 313.—Handicrafts. 6 hours of classwork and laboratory. 3 credits. (Formerly IN. 414). Offered 1, 2, 3.

Of particular interest to those planning secondary teaching as well as to those engaged in recreational and adult programs. Major areas explored include leather carving and tooling, metal etching, wood carving, pottery, plastics, and textiles.

IN. 314.—Art Metal Design and Construction. 6 hours. 3 credits. (Formerly IN. 412). Prerequisite: IN. 211 or approval of instructor. Offered 1, 2.

Design principles as applied to metals. Construction is done on projects which involve hand processes and simple machine work to accomplish forming, spinning, etching, electroplating, finishing and polishing projects in wrought iron and the non-ferrous metals and their alloys.

IN. 364.—Laboratory Planning and Maintenance. 3 hours. 3 credits. Offered 1, 2.

Care and maintenance of the common hand and machine tools. Laboratory atmosphere together with the placement of power equipment.

IN. 401.—Architectural Drawing. 6 hours. 3 credits. Prerequisite: IN. 104 or approval of instructor. Offered 1.

Elements of architecture, presentation drawings. Models, working drawings, plans, elevations, sections, details, symbols, dimension, specifications, lettering, and related problems.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

IN. 402.—Problems in Architectural Drawing. 6 hours. 3 credits. Prerequisite: IN. 401 or approval of instructor. Offered 2.

Problems of architectural development, materials, and techniques of construction and on problems of building orientation, heating, lighting, ventilation, landscaping, and adaptability.

IN. 415.—Advanced Handicrafts. 6 hours. 3 credits. Prerequisites: IN. 312 or 313 or approval of instructor. Offered 2.

Advanced study in the area of arts and crafts, creative design aspects and development of native and unusual materials. The vertical development of a few selected handicraft skills is encouraged.

IN. 416.—Handicrafts Problems. 6 hours. 3 credits. Prerequisite: IN. 415 or approval of instructor. Offered 1, 3.

For the advanced student who wishes to specialize in one or two craft areas. Creative expression and development of manipulative facility. The project work will be a thesis problem with necessary research and creative effort directed toward a high standard of creative skills accomplishments.

IN. 421.—Metals and Industrial Processes. 6 hours. 3 credits. Prerequisites: IN. 211 and IN. 314 or approval of instructor. Offered 1.

The tools, materials and industrial processes involved in molding, casting, welding, forging, and heat treatment. Projects involve basic processes in each.

IN. 422.—Machine Shop Practice. 6 hours. 3 credits. Prerequisite: IN. 421 or approval of instructor. Offered 2.

Use of precision instruments, cutting tools, and the basic principles involved in the care and use of the drill press, grinding machine, lathe, milling machine and shaper. Projects.

GRADUATE COURSES

The Industrial Arts Education courses listed below are sufficient to make a graduate major for students desiring to make this their main field of concentration for a Master of Arts in Education degree.

IN: 506.—History and Philosophy of Industrial and Vocational Education. 3 hours. 3 credits. Offered 1.

The historical background which highlights the significant educational philosophies and objectives underlying the programs of industrial arts and vocational education. Emphasis is given to modern concepts and their implications.

IN. 523.—School Shop Planning and Equipment Selection. 6 hours laboratory. 3 credits. Offered 1.

Standards as they apply to the physical setting of the program of industrial arts involving design, selection and maintenance of equipment in industrial arts and vocational shops.

IN. 524.—Problems in Industrial Arts and Vocational Education. 3 hours. 3 credits. Seminar. Prerequisites: graduate credit in industrial arts and vocational education plus the approval of the instructor. Offered 2, 3.

Advanced study is made and research conducted into the field of industrial arts and vocational education.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

IN. 525.—Advanced Industrial Arts Design. 6 hours of lecture and laboratory. 3 credits. Offered 1.

Industrial arts project design for various media. Laboratory practice.

IN. 533.—Industrial Arts and Vocational Laboratory Seminar. 3 to 6 credits. Offered 3.

Advanced laboratory techniques, and an opportunity is given in-service graduates to exchange experiences on a graduate level.

IN. 534.—Handicrafts Seminar. 3 to 6 credits. Prerequisite: IN. 415 or equivalent and permission of instructor. Offered 2, 3.

Individual problems in research, original design, and production within limited handicrafts areas.

IN. 535.—Curriculum Symposium in Industrial Education. 3 or 6 credits. Prerequisite: IN. 506 and one graduate Education course in curriculum. Offered 3.

A staff symposium concerning the industrial arts and vocational-industrial curriculum in its wider implications, comprising review of the current situation and advanced study and research of a projective nature, proceeding from basic educational concepts to specifics of the field.

INDUSTRIAL ENGINEERING

Instructional Staff 1950-51

Martinson, E. P., Head; Cummings, R. J., Eshleman, S. K., Hummel, J. O. P.

IG. 321.—Work Simplification and Standardization. 3 hours. 3 credits. Prerequisite: Upper Division classification. Offered 1, 2, 3.

For students not majoring in Industrial Engineering. Process analysis, operation analysis, and time standardization procedures.

IG. 322.—Plant Development and Operation. 3 hours. 3 credits. Prerequisite: Upper Division classification. Offered 1, 2.

For students not majoring in Industrial Engineering. The factors affecting plant location, layout and operation.

IG. 370.—Job Evaluation. 2 hours. 2 credits. Prerequisite: Upper Division classification. Offered 1, 2, 3.

Analysis of the mental and physical requirements, responsibilities and working conditions of jobs and the several systems of determining the relative worth of jobs. Job evaluation plan installation and maintenance. Otis and Leukart, *Job Evaluation.*

IG. 460.—Engineering Economic Analysis. 3 hours. 3 credits. Prerequisite: Senior classification. Offered 1, 2.

Special projects, lectures and the solution of problems. The economical aspect of technical projects; the importance of alternatives being studied by economic, intangible and financial analyses is stressed. "Will it pay?" and "Can it be financed?" questions are analyzed from the management viewpoint. Text: *Introduction to Engineering Economy* by Wood and DeGarmo.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

IG. 463.—Specifications, Engineering Relations and Industrial Safety. 3 hours. 3 credits. Prerequisite: Senior classification. Offered 1, 2, 3.

Specifications for materials and construction of engineering projects; advertising and letting contracts; agreements and contractual relations. Organization of safety work in industry; accident causes and legal responsibility of employer and employee. Harding and Canfield, *Legal and Ethical Phases of Engineering.* Heinrich, *Industrial Accident Prevention.*

IG. 469.—Plant Location and Layout. 3 hours, and 3 hours laboratory. 4 credits. The first half of the course IG. 469-470. Prerequisite: Senior classification. Offered 1, 2.

Budgeting, plant location, machinery and equipment selection, building and service selection, maintenance management, plant layout, material handling, storekeeping, organization, employee selection and training, merit rating, wage incentives, production and cost control. Actual problems are analyzed and solved. Knowles & Thomson, *Industrial Management.*

IG. 470.—Plant Location and Layout. 3 hours, and 3 hours laboratory. 4 credits. The second half of the course IG. 469-470. Offered 2, 3.

IG. 472.—Human Engineering. Offered each semester. 2 hours. 2 credits. Prerequisite: Senior classification. Offered 1, 2, 3.

Human nature in engineering and management. Actual cases are presented for analysis and discussion. Tead, *Human Nature and Management.*

IG. 477.—Time and Motion Study. 2 hours and 3 hours laboratory. 3 credits. Prerequisite: Senior classification. Offered 1, 2.

The study of working procedures to determine the best method, the best human motions and the time standard or measure of human efficiency. Lowry, Maynard and Stegemerten, *Time and Motion Study.*

IG. 479.—Industrial Engineering Seminar. 1 hour, 1 credit. Prerequisite: Senior classification. Offered 1, 2.

Discussions on general and specific Industrial Engineering and management problems. Individual student investigations and reports on assigned problems are the basis of the discussion.

GRADUATE COURSES

Prerequisites: Thorough foundation work in Differential and Integral Calculus, Applied Mechanics, Thermodynamics, Plant Layout and Design, Human Engineering, Engineering Practice, and Business Administration, or equivalent foundation course work of about forty semester credits including experience in industry.

IG. 561.—Advanced Shop Layout and Design. 3 credits. The first half of the course IG. 561-562. Prerequisites: IG. 469-470. Offered 1.

IG. 562.—Advanced Shop Layout and Design. 3 credits. The second half of the course IG. 561-562. Prerequisite: IG. 561. Offered 2.

IG. 563.—Management Training. 3 credits. The first half of the course IG. 563-564. Prerequisites: IG. 472, IG. 460. Offered 1.

IG. 564.—Management Training. 3 credits. The second half of the course IG. 563-564. Prerequisite: IG. 563. Offered 2.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

INTERIOR DESIGN

Instructional Staff 1950-51

Grand, J. L. R., Head; Millican, G. C.

IR. 201—Home Decoration I. 6 hours of conference and studio work. 3 credits. Offered 1, 3.

Elements and principles of interior design as applied to the home. A study of interior space and furnishings, and a consideration of basic factors such as scale, form, color, and arrangement.

IR. 202.—Home Decoration II. 6 hours of conference and studio work. 3 credits. Prerequisite: IR. 201. Offered 2, 3.

Problems in the application of fundamental principles to the interior design and decoration of the home. Solutions presented in the form of plan and model arrangements, schematic drawings, color and texture collages, and idea sketches.

IR. 301, 302, 303, 304.—Projects in Interior Design, Group 1. 24 hours of conference and studio work. 3 credits each. Group total, 12 credits. Prerequisite: Completion of Lower Division program in Interior Design or equivalent. This series constitutes the beginning work in the Upper Division professional curriculum. Offered 1, 2, 3.

A study of the problems involved in the design, construction, and execution of a variety of types of room interiors.

I. Research: Historic research in ancient and medieval architecture with special emphasis on internal architecture and furnishings.

II. Design: Problems in interior architecture, lighting, the use of fabrics, furnishings, and accessories all of which are studied in correlation with the principles of line, value, color, texture, and form. Schematic studies, design, drawings, and presentation techniques.

III. Materials and Methods: Study of interior structural and surfacing materials and consideration of the structural and mechanical elements of buildings and their influence upon the design of the interior.

IR. 311, 312, 313, 314.—Projects in Interior Design, Group 2. 24 hours of conference and studio work. 3 credits. Group total, 12 credits. This series of courses is a continuation of the work of the series IR. 301, 302, 303, 304. Offered 1, 2, 3.

A study of the problems involved in the design, construction, and execution of more complex types of room interiors and suites.

I. Research: Historic research in Renaissance architecture with special emphasis on internal architecture and furnishings.

II. Design: Emphasis on the study of domestic interiors with special consideration given to contemporary space planning theories and practices.

III. Materials and Methods: A continuation of structural and mechanical factors and on introduction to joinery, upholstering, and cabinet making, furniture woods and finishes, working and measured drawings, and remodelling.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

IR. 401, 402, 403, 404.—Projects in Interior Design, Group 3. 24 hours of conference and studio work. 3 credits. Group total, 12 credits. This series of courses is a continuation of the series IR. 311, 312, 313, 314. Offered 1, 2, 3.

A study of the problems involved in the design, construction, and execution of commercial and institutional interiors of a special nature or magnitude.

I. Research: Historic research into the "Golden Age" of furniture and interior architecture, and the beginning of the industrial revolution.

II. Design: Emphasis on the study of commercial and institutional interiors involving special design of structures, fixtures, furnishings, and accessories.

III. Materials and Methods: A continuation of the study of interior construction, detailing, scale drawings and methods of installation and an introduction to estimating, and trade practices.

IR. 411, 412, 413, 414.—Projects in Interior Design, Group 4. 24 hours of conference and studio work. 3 credits. Group total, 12 credits. This series of courses is a continuation of the series IR. 401, 402, 403, 404. Offered 1, 2, 3.

A study of the problems involved in the design, construction, and execution of the monumental and the interior of special nature or magnitude.

I. Research: Historic research into the origins of the modern movement with special emphasis on contemporary architecture and furnishings.

II. Design: A continuation of the study of interior design with emphasis on interiors presenting difficult functional, technical, or aesthetic problems.

III. Materials and Methods: A continuation of the technical studies previously introduced and an introduction to specification writing, job and office administration, professional ethics and client relations, and the responsibilities of the interior designer as a professional.

ITALIAN

Instructional Staff 1950-51

Brunet, J., Head; Kurth, A. L.

The offerings in Italian are not sufficient to constitute an undergraduate major. Italian may be used as part of a group major, provided the foreign language requirement is met in another language. It may be used to satisfy the foreign language requirement. Students may elect for credit as little as three hours of Italian.

ITN. 33.—First-Year Italian. 3 hours. 3 credits. The first half of the course ITN. 33-34. Open to students who have had no previous work in Italian. Offered 1.

ITN. 34.—First-Year Italian. 3 hours. 3 credits. The second half of the course ITN. 33-34. Offered 2.

ITN. 201.—Second-Year Italian. 3 hours. 3 credits. The first half of the course ITN. 201-202. Prerequisite: one year of college Italian, or two years of high school Italian. Conducted in Italian. Not offered 1951-52.

Reading of selected passages by modern Italian writers. Written and oral practice.

ITN. 202.—Second-Year Italian. 3 hours. 3 credits. The second half of the course ITN. 201-202. Conducted in Italian. Not offered 1951-52.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

JOURNALISM

Instructional Staff 1950-51

Weimer, Rae O., Director; Emig, Elmer J.; Jones, John Paul; and Lowry, William L.

The offerings in journalism are primarily designed for the training of professional journalists. These courses, however, may be taken for elective credit by students in the College of Arts and Sciences. Students who are interested in major work in journalism are referred to the requirements of the School of Journalism on page 187 of this catalog.

JM. 214.—Introduction to Journalism. 2 hours. 2 credits. To be taken in University College; recommended on the sophomore level. Offered 1, 3.

Professional requirements and opportunities for a career in publishing, editing, reporting, and advertising.

JM. 216.—Principles of Journalism. 2 hours. 2 credits. To be taken in University College; recommended on the sophomore level. Offered 2, 3.

Principles and ethics underlying management, editing, and reporting practices in newspapers, magazines, and radio.

JM. 301.—Elementary Reporting. 5 hours lecture-laboratory. 3 credits. Prerequisite: Junior Standing. Offered 1, 2.

Basic instruction and practice in news gathering and news writing, with special attention being given to style, the writing of news leads, expansion of leads into good news stories, development of a sense of news values, and the handling of news sources.

JM. 302.—Elementary Editing. 5 hours lecture-laboratory. 3 credits. Prerequisite: JM. 301.

The mechanics of copyreading, training in accuracy, training in news judgment, the mechanics of headline writing, and practice in editing copy.

JM. 305.—History of Journalism. 3 hours. 3 credits. (Formerly JM. 215.) Prerequisite: Junior Standing. Offered 1.

Origin, development and potentiality of journalism and its media (print, radio and picture) in relation to freedom in foreign nations, the United States, the South and Florida. Evolution of editorial standards and methods with emphasis on the contributions of outstanding writers, discoverers and inventors.

JM. 314.—Magazine Writing and Editing. 3 hours. 3 credits. Prerequisite: JM. 301 or permission of instructor. Offered 1, 3.

Preparation of special articles for publication in newspapers and magazines coordinated with study of magazine-editing problems. Supervised marketing of articles produced in the course.

JM. 315.—Typography. 5 hours lecture-laboratory. Prerequisite: Junior Standing. Offered 1, 2.

Processes involved in producing printed matter for newspapers, magazines, pamphlets, advertising, etc., along with detailed study of type and typography.

JM. 317.—Editorial Page and Contemporary Affairs. 3 hours. 3 credits. Prerequisite: Junior Standing. Offered 1.

A study of the editorial pages made in relation to contemporary affairs, and to the urgent problems and great issues of the day, as suggested by examination of newspapers, news magazines, and newscasts.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

JM. 318.—Newspaper Management. 3 hours. 3 credits. Prerequisite: Junior Standing. Offered 2.

Newspaper organization and operation from the standpoint of business and editorial supervision.

JM. 401.—Newspaper Advertising. 5 hours lecture-laboratory. Prerequisite: Senior Standing. Offered 1.

How to prepare, service, and sell newspaper advertising, based on studies in the social and economic status of newspaper advertising and the psychology of advertising.

JM. 402.—Radio Advertising. 5 hours lecture-laboratory. 3 credits. Prerequisite: Senior Standing or permission of instructor. Offered 2.

Procedure and practice of radio advertising and its emerging techniques. Study of radio as an advertising medium—writing of commercial copy—testing of commercial copy—radio programming for advertising sales.

JM. 403.—Advanced Reporting. 5 hours lecture laboratory. 3 credits. Prerequisite: JM. 301. Offered 1, 2.

Instruction and practice in reporting public affairs, with special emphasis upon responsible news coverage of city and local government.

JM. 404.—Newspaper and Magazine Illustration. 5 hours lecture-laboratory. Prerequisite: JM. 301 or permission of the instructor. Offered 2.

Appeals on which newspaper and magazine editors rely in planning, selecting, editing and making up illustrations.

JM. 406.—Radio News Writing. 5 hours lecture-laboratory. 3 credits. Prerequisite: JM. 301. Offered 2.

The techniques of preparing and editing news and other material for radio broadcast.

JM. 408.—Public Opinion. 3 hours. 3 credits. Prerequisite: Senior Standing. Offered 2, 3.

The force of public opinion in modern life; the psychological technique and strategy of directors of public opinion; attitude-measurement; reader-interest surveys; radio-audience and movie-audience measurement; market and consumer analysis; public opinion polls.

JM. 409.—Law of the Press and Radio. 3 hours. 3 credits. Prerequisite: Senior Standing. Offered 1, 3.

How to avoid legal difficulties in journalistic activities, with especial attention to provisions of Florida law relating to journalism.

JM. 411.—Public Relations. 3 hours. 3 credits. Prerequisite: Senior Standing or permission of instructor. Offered 1, 2, 3.

The relationships between journalistic media and the public, and the principles, methods and means of influencing the public. Public relations programs will be prepared.

JM. 413.—Applied Journalism. 1 hour lecture and 10 hours to be arranged. 3 credits. Prerequisites: JM. 403 and JM. 421. Offered 1, 2.

A senior course bringing together the work of the preceding courses into laboratory and outside practice that will as nearly as possible operate as a news room. This is a course in practice for the student's final work in preparation for his professional career.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

JM. 415.—Journalism In Secondary Schools. 3 hours. 3 credits. Prerequisite: Senior standing or permission of the instructor. Not offered 1951-52.

This course is designed for persons who have been teaching journalism in secondary schools, or who act as faculty advisers for school newspapers, magazines, or yearbooks. It includes a general survey of the editorial, business, publishing, and mechanical phases of school publications with emphasis on those aspects which are of particular value to teachers.

Cannot be used for credit in a departmental major in journalism.

JM. 421.—Advanced Editing. 6 hours lecture-laboratory. 4 credits. Prerequisites: JM. 301 and JM. 315. Offered 1.

An advanced laboratory course. Through intensive practice the student is expected to develop greater speed and accuracy in the handling of copy.

GRADUATE COURSES

Prerequisites: An approved undergraduate major of twenty-four semester hours, or its equivalent, in journalism, is required for enrollment in graduate courses and for registration for the degree of Master of Arts with a major in journalism.

Not more than two of the following undergraduate courses may, with approval of the School of Journalism Graduate Committee, be taken for major graduate credit: JM. 401, JM. 402, JM. 403, JM. 406, JM. 409, JM. 411, and JM. 421.

JM. 503.—Special Studies in Newspaper Production. 3 hours. 3 credits. The first half of the course JM. 503-504. Offered 1.

Seminar study in business office and production plant aspects of newspaper publication based on original research in finance, circulation, employee relationships, promotion, advertising, etc.

JM. 504.—Special Studies in Newspaper Production. 3 hours. 3 credits. The second half of the course JM. 503-504. Offered 2.

JM. 505.—Public Opinion. 3 hours. 3 credits. The first half of the course JM. 505-506. Offered 1.

Advanced inquiry into the role of communications media in influencing the public mind, public opinion, and public decisions.

JM. 506.—Public Opinion. 3 hours. 3 credits. The second half of the course JM. 505-506. Offered 2.

JM. 507.—Reader and Listener-Interest. 3 hours. 3 credits. The first half of the course JM. 507-508. Offered 1.

Research in methods of opinion-polling; attitude measurement; reader-interest surveys; radio-audience measurement; market and consumer analyses; and advertising-copy testing.

JM. 508.—Reader and Listener-Interest. 3 hours. 3 credits. The second half of the course JM. 507-508. Offered 2.

JM. 511.—History of Journalism. 3 hours. 3 credits. The first half of the course JM. 511-512. Offered 1.

Reading, critical study, and advanced investigative report on an approved research subject selected from such areas as: the development of concepts and principles in journalism; biographies of great editors; regional and state journalism; evolution of communication agencies; their functions and influence.

JM. 512.—History of Journalism. 3 hours. 3 credits. The second half of the course JM. 511-512. Offered 2.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

LANDSCAPE ARCHITECTURE

Instructional Staff 1950-51

Grand, J. L. R., Head; Borrell, E. H.

LAE. 301-302-303-304.—Projects in Landscape Architecture, Group 1. 24 hours conference and studio. 3 credits each; group total, 12 credits. Prerequisite: Completion of Lower Division program in Landscape Architecture or equivalent. Corequisite: HE. 429. Offered 1, 2, 3.

This series constitutes the beginning work in the Upper Division. The principles involved in landscape design, including form, light, colour and texture in relation to plants, materials, and buildings. The study of methods of construction in masonry walls, paving and different types of walks. The history of Landscape Architecture in relation to the social, cultural and economic influences through the period beginning in prehistory to the decline of the Roman Empire. Projects will consist of research and study, simple design problems, and exercises in delineation and presentation.

LAE. 311-312-313-314.—Projects in Landscape Architecture, Group 2. 24 hours conference and studio. 3 credits each; group total, 12 credits. Corequisite: HE. 430. Offered 1, 2, 3.

A continuation of the work of the series LAE. 301-302-303-304. The application of the principles of form, light, colour and texture to small landscape design problems; the preparation of contour maps, grading plans, profiles, cross section; the calculation of cut and fill; and the history of Landscape Architecture from the decline of the Roman Empire to the English Renaissance. Projects will consist of research and study, design problems and exercises in delineation and presentation.

LAE. 401-402-403-404.—Projects in Landscape Architecture, Group 3. 24 hours conference and studio. 3 credits each; group total, 12 credits. Offered 1, 2, 3.

A continuation of the work of the series LAE. 311-312-313-314. The design of landscape schemes, public and private, encountered in contemporary practice; methods of construction involved in terraces, stairways, pools and retaining walls; and the history of Landscape Architecture from the English Renaissance to the present day. Projects will consist of research and study, design problems, outdoor sketching and exercises in delineation.

LAE. 411-412-413-414.—Projects in Landscape Architecture, Group 4. 24 hours conference and studio. 3 credits each; group total, 12 credits. Offered 1, 2, 3.

A continuation of the work of the series LAE. 401-402-403-404. The series includes: the design of large landscape schemes; a study of professional relations; and modern landscape practice, ethics, and law. Projects will consist of research and study, design problems and exercises in presentation.

LATIN

Instructional Staff, 1950-51

Brunet, J., Head; Aratowsky, B.

The undergraduate major requirement of a minimum of 24 semester hours earned in colleges or universities must include six hours in Latin composition and six additional semester hours in Latin.

All Latin majors are urged to include among their electives courses in Greek or a modern foreign language. They are also urged to elect courses in ancient history.

Students may elect for credit as little as three hours of Latin.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

COURSES FOR UNDERGRADUATES

Courses numbered in the 300's and 400's are acceptable for credit towards a graduate minor as well as for undergraduate credit.

LN. 33.—First-Year Latin. 3 hours. 3 credits. The first half of the course LN. 33-34. Offered 1, 3.

LN. 34.—First-Year Latin. 3 hours. 3 credits. The second half of the course LN. 33-34. Offered 2.

LN. 105.—The Latin Element in English. 2 hours. 2 credits. Offered 1, 3.

Study of Latin words in all varieties of current English, including scientific vocabularies. Open to all students. No Previous knowledge of Latin is required. May not be used for major credit. Given alternately with Greek 105.

LN. 201.—Second-Year Latin. 3 hours. 3 credits. Prerequisite: one year of college Latin or two years high school Latin, or equivalent. The first half of the course LN. 201-202. Offered 1.

Reading and interpretation of selections from Roman prose and poetry. Grammar study.

LN. 202—Second-Year Latin. 3 hours. 3 credits. The second half of the course LN. 201-202. Offered 2.

LN. 307.—Survey of Latin Literature. 3 hours. 3 credits. Prerequisite: two years of college Latin or the equivalent. The first half of the course LN. 307-308. Not offered 1951-52.

Translation, interpretation and discussion of texts from Latin authors. Collateral readings and reports.

LN. 308.—Survey of Latin Literature. 3 hours. 3 credits. Prerequisite: two years of college Latin or the equivalent. The second half of the course LN. 307-308. Not offered 1951-52.

LN. 406.—Selections from the Correspondence of Cicero and Pliny the Younger. 3 hours. 3 credits. Not offered 1951-52.

LN. 407.—Selections from the Comedies of Plautus and Terence. 3 hours. 3 credits. Not offered 1951-52.

LN. 410.—Latin Prose Composition. 3 hours. 3 credits. Not offered 1951-52.

LN. 411.—Latin Prose Composition. 3 hours. 3 credits. Prerequisite: LN. 410. Not offered 1951-52.

LN. 430.—Individual Work. 3 hours. 3 credits. Prerequisite: three years of college Latin or the equivalent. Offered 1, 2, 3.

By means of this course a student may study for credit any 400 course not currently scheduled. The work of the course consists of conferences, readings and reports. With change of content LN. 430 may be elected for additional credit in subsequent sessions. Each time it is elected the particular course studied must be entered in the student's record as, for example, LN. 430.—Individual Work — The Epic.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

COURSES FOR UNDERGRADUATES AND GRADUATES

With the approval of the instructor and the Dean of the Graduate School the following courses may be taken for credit toward a graduate major. Every graduate major must, however, include courses at the 500 level, the exact proportion being determined in each case by the department head and the Graduate Dean.

LN. 435.—Elegy. 3 hours. 3 credits. Prerequisite: three years of college Latin or the equivalent. Not offered 1951-52.

COURSES FOR GRADUATES

Prerequisite: Twenty-four semester hours or the equivalent of undergraduate work in Latin. These must include six hours in courses in Latin literature at the 400 level and six hours in Latin prose composition. The student must have a reading knowledge of one foreign language other than Latin.

LN. 500.—The Epic. 3 hours. 3 credits. Not offered 1951-52.

LN. 501.—The Political and Moral Essays of Cicero. 3 hours. 3 credits. Not offered 1951-52.

LN. 502.—Roman Historians. 3 hours. 3 credits. Not offered 1951-52.

LN. 505.—Roman Satire. 3 hours. 3 credits. Not offered 1951-52.

LN. 510.—Lucretius. 3 hours. 3 credits. Not offered 1951-52.

LN. 517.—Vulgar Latin. 3 hours. 3 credits. Not offered 1951-52.

The phonology, morphology, and syntax of vulgar Latin, with special reference to the development of the Romance languages.

LN. 520.—The Latin Language. Phonology and Morphology. 3 hours. 3 credits. Not offered 1951-52.

LN. 521.—The Latin Language. Syntax. 3 hours. 3 credits. Not offered 1951-52.

LN. 530.—Individual Work. 3 hours. 3 credits. Offered 1, 2, 3.

By means of this course a student may study for credit any 500 course not currently scheduled. The work of the course consists of conferences, readings and reports. With change of content LN. 530 may be elected for additional credit in subsequent sessions. Each time it is elected the name of the particular course studied must be entered on the student's record as, for example, LN. 530.—Individual Work — Vulgar Latin.

LAW

Instructional Staff 1950-51

Fenn, Henry A., Dean; Black, Kenneth L., Clark, Vernon W., Cone, A. J., Day, James W., Delony, Dexter, Hunter, William A., Krastin, Karl, Macdonald, W. D., Maloney, Frank E.*, Mautz, Robert B., Miller, George John, Scoles, Eugene F., Silliman, Charles V., Slagle, Dean, Smith, J. Allen**, Stephens, Richard B., Tomlin, Robert F., TeSelle, Clarence J., Yonge, Philip K.

* on Leave of Absence
** on Military Leave of Absence

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

LW. 300.—Equity I. 2 hours. 2 credits.

Nature and enforcement of equity decrees; suits to compel surrender of personal property; unjust enrichment as related to equity; equitable jurisdiction over contracts including specific performance and negative specific performance through the use of the injunction. Glenn and Redden, Cases and Materials on Equity, and Maloney's Florida Annotations.

LW. 303.—Contracts, I. 3 hours. 3 credits.

Formation; consideration; third party beneficiaries; writings. Fuller, Basic Contract Law.

LW. 304.—Contracts, II. 3 hours. 3 credits. Prerequisite: LW. 303.

Assignment; performance and breach, impossibility; discharge of contracts. Fuller, Basic Contract Law.

LW. 306.—Domestic Relations. 2 hours. 2 credits.

Contract to marry; marriage; consent; formalities; status of wife and child; annulment; divorce and separation. Jacobs, Cases on Domestic Relations, 2d edition.

LW. 308.—Procedure, I. 3 hours. 3 credits.

Formerly "Common Law Pleading." The actions; comparison of legal and equitable remedies, civil wrongs, and crimes. Casebook to be selected.

LW. 309.—Property, I. 2 hours. 2 credits.

Emphasis on personal property; possession, and rights based thereon; acquisition of title; bailments; liens, and pledges. Warren, Cases on Property, 2d edition; mimeographed cases and comments.

LW. 312.—Property, II. 2 hours. 2 credits.

Introduction to law of real property; types of estates; origin and development of methods of creating and transferring estates. Mimeographed materials.

LW. 321.—Torts, I. 2 hours. 2 credits.

Bases of liability for accidental harm including a study of earlier developments and of bases other than fault; introduction to negligence, including a study of standards of conduct, proof of breach, and causation. Shulman and James, Cases and Materials on Torts.

LW. 322.—Torts, II. 2 hours. 2 credits.

Additional study of negligence including defenses and damages recoverable; liability of occupiers and owners of land; liability arising from motor vehicle accidents; defamation; certain intentional harms including assault and battery, false imprisonment, and misuse of legal process. Shulman and James, Cases and Materials on Torts, and Maloney's supplemental materials.

LW. 325.—Criminal Law and Procedure, I. 2 hours. 2 credits.

Sources of state and federal criminal law; nature of crime, the elements of crime in general; the elements of particular crimes at common law and in Florida; applicable criminal statutes of Florida. Mikell, Cases on Criminal Law and Procedure, 3d edition.

LW. 326.—Criminal Law and Procedure, II. 2 hours. 2 credits.

Further consideration of the elements of particular crimes at common law and in Florida; defenses to crimes; criminal procedure in Florida and federal courts as presented by Florida statutes; the Federal Rules of Criminal Procedure and their construction. Mikell, Cases on Criminal Law and Procedure, 3d edition.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

LW. 330.—Administrative Process. 2 hours. 2 credits.

Creation and operation of administrative agencies; constitutional limitations; the Federal Administrative Procedure Act; rule making and adjudication; enforcement; judicial review. Gelhorn, Cases and Materials on Administrative Law, 2d edition.

LW. 401.—United States Constitutional Law, I. 2 hours. 2 credits.

Introduction to public law, emphasizing technique of analyzing opinions and construing statutes; procedural steps in reaching the Supreme Court; basic aspects of the governmental functions, procedural due process, interstate commerce, taxation, and substantive due process; a glance at other federal functions. Dowling, Cases on Constitutional Law, 4th edition.

LW. 402.—Evidence. 4 hours. 4 credits.

Witnesses, including competency, privilege, examination, impeachment and rehabilitation; character evidence; hearsay and the exceptions to its exclusion; opinion; real evidence; proof of execution of writings; the "best-evidence" rule; judicial notice, presumptions, and burden of proof. Morgan and Maguire, Cases on Evidence, 2d edition.

LW. 403.—Agency. 2 hours. 2 credits.

A consideration from the points of view of the principal, the agent, the master, the servant, and third parties, of the rights and liabilities, both in contract and in tort when applicable, that arise from the principal and agent and master and servant relationships. Problems deal with the agent's authority, express, implied, and apparent; ratification; termination of agent's power; agent's liability on contract; principal's and agent's rights as against each other; the undisclosed principal; vicarious liability. Mechem, Cases and Materials on Agency, 3d edition.

LW. 404.—Restitution. 2 hours. 2 credits.

Restitutionary remedies at law and in equity, including quasi contract, equitable accounting, subrogation, constructive trust, and equitable lien; choice of remedies; restitution for benefits conferred through mistake, fraud, duress, or under illegal contracts or contracts impossible to perform. Durfee and Dawson, Cases on Remedies, Vol. II, Restitution at Law and in Equity.

LW. 405.—Equity Pleading. 2 hours. 2 credits.

Pleading in equity; parties to and proceedings in a suit in equity; bills in equity; motions, answers and replications; preparation of bills, motions, and answers. Selected materials.

LW. 406.—Private Corporations. 4 hours. 4 credits.

Creation and citizenship; powers and liabilities; corporations and the state; foreign corporations; practice in forming and conducting corporations, preparing by-laws, electing officers, and in conducting corporate business. Wormser and Crane, Cases and Other Materials on Private Corporations.

LW. 407.—Legal Bibliography. 2 hours. 2 credits.

Introduction to the law; objectives of legal education; rudiments of procedure, hierarchy of courts; principles of statutory interpretation, stare docisis, evaluation of cases; nature and use of law books; elementary legal writing. Fryer and Benson, Legal Method.

LW. 408.—Legal Ethics. 1 hour.

Organization of the bar; attorneys and professional conduct. Cheatham, Cases on Legal Profession.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

LW. 409.—Property, III. 3 hours. 3 credits.

Titles and conveyancing; adverse possession; adverse user; recording acts; the execution of deeds; covenants for title; after-acquired titles; covenants running with the land; creation of easements and profits; licenses. Casebook to be selected.

LW. 411.—Florida Constitutional Law. 2 hours. 2 credits. Prerequisite: LW. 401.

Composition and jurisdiction of Florida judiciary; writs and appeals; major limitations on legislative and executive action; procedural and substantive due process in Florida; general and special laws; distinction between constitutional and statutory administrative agencies; homesteads; boundaries and state jurisdiction; taxation and finance; counties and municipalities; miscellaneous limitations; amendments and constitutional revision. Selected cases and materials.

LW. 413.—Procedure, II. 3 hours. 3 credits.

Formerly "Florida Civil Practice." Commencement of actions; joinder and consolidation of actions; locality; parties; process; appearance; special statutory proceedings. Federal Rules of Civil Procedure, Florida Common Law Rules of Civil Procedure, and other materials to be selected.

LW. 415.—Abstracts. 2 hours. 2 credits. Prerequisite: LW. 312.

Abstracts of title; description of land; records of title in Florida; curative acts and limitations acts pertaining to defects of title; the formal requisites of conveyances in Florida; conveyances by married women; conveyances of homestead; conveyances by corporations; the lien of state and federal judgments; federal tax liens. Mimeographed materials.

LW. 416.—Insurance. 2 hours. 2 credits.

Historical background; insurable interest; representations, warranties, exceptions, conditions; construction of contracts; application of contracts; waiver, estoppel, subrogation; assignees, beneficiaries, creditors. Casebook to be selected.

LW. 417.—Partnership. 2 hours. 2 credits.

Formation and nature of various types of unincorporated business organizations, including partnerships, limited partnerships, joint stock companies, business trusts, and defective corporations; partnerships at common law and under the Uniform Partnership Act and Uniform Limited Partnership Act; partnership property, contracts, torts and crimes; partnership by estoppel; rights of partnership creditors contrasted with rights of creditors of individual partners; devices to reduce partnership risks; problems of nonresident partners; termination of partnership; insolvency. Gilmore, Cases on the Law of Partnership, 3d edition. Suggested reading, Crane on Partnership (Hornbook).

LW. 431.—Procedure IV. 2 hours. 2 credits.

Formerly "Appellate Procedure and Judgments". Judgments; appeals, federal and state; writ of error and appeal; extraordinary writs. Casebook to be selected.

LW. 433.—Estates and Trusts, I. 3 hours. 3 credits.

Gratuitous transfers, including interstate succession, wills, gifts inter vivos, gifts causa mortis, and trusts. Mimeographed materials.

LW. 434.—Fiduciary Administration, I. 3 hours. 3 credits. Prerequisite: LW. 433.

Administration of a decedent's estates and non-commercial trusts; steps in the administration of a decedent's estate, whether testate or intestate; powers of the executor, the administrator, and the trustee. Mimeographed materials.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

LW. 435.—Equity II. 2 hours. 2 credits.

Equitable jurisdiction over Torts including protection of rights in land, intangible property, personality, and of public and political interests; rescission and reformation including restitution and quasi-contractual recovery; equitable remedies against unjust situations at law including interpleader, accounting, and bills of peace. Glenn and Redden, Cases and Materials on Equity, and Maloney, Supplemental Florida Annotations.

LW. 436.—United States Constitutional Law, II. 2 hours. 2 credits. Prerequisite: LW. 401.

A study of the allocation of power within the federal system with particular emphasis on selected problems in interstate commerce and due process. Dowling, Cases on Constitutional Law, 4th edition.

LW. 437.—Estates and Trusts, II. 2 hours. 2 credits.

Protection of the family of the transferor; admissibility and effect of extrinsic evidence; ademption, lapse and satisfaction; termination of trusts. Mimeographed materials.

LW. 438.—Fiduciary Administration, II. 2 hours. 2 credits.

The Uniform Principal and Income Act. Problems of the fiduciary in the allocation of interest, income, and expense in the administration of trusts and estates. Mimeographed materials.

LW. 441.—Taxation I. 2 hours. 2 credits.

Nature and purposes of taxation, federal and state; comparison of property and excise taxes; tax jurisdiction; assessment procedures; methods of collecting taxes; remedies of taxpayers for illegal taxation. In addition to the general principles of taxation as presented in both state and federal cases, state tax law, including that of Florida, will be emphasized in this course. Brown, Cases and Materials on Taxation, and 1949 Supplement.

LW. 442.—Taxation II. 2 hours. 2 credits. Prerequisite: LW. 441 (Taxation I).

Elements of federal tax procedure; the federal estate and gift taxes; research in federal taxation. Griswold, Cases and Materials on Federal Taxation (3rd Ed. 1950); Prentice-Hall, Students Tax Law Service.

LW. 502.—Damages. 2 hours. 2 credits.

General principles; non-compensatory damages; foreseeability; certainty; avoidable consequences; interest; value. Specific wrongs; torts; contracts; liquidated damages. Crane, Cases on Damages, 2d edition.

LW. 503.—Public Utilities. 3 hours. 3 credits.

Historical development of concept of "businesses affected with public interest"; statutory limitations on business and fourteenth amendments; franchises and certificates of necessity; monopoly and competition of public utilities; duty to serve public; discrimination in service and rates; rate fixing by contract with private persons and government; public utility commissions, their operation in regulation of rates and services, and right of appeal from their findings; corporate affiliations; holding company regulation; government ownership. Welch, Cases on Public Utility Regulation, 3d edition, and supplementary material.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

LW. 504.—Municipal Corporations. 2 hours. 2 credits.

Nature of municipal corporations; how created, altered, dissolved, classified and controlled; comparison of municipal, state, and federal governments; ordinances; police power; regulation and abatement of nuisances; municipal regulation and licensing of activities; municipal control of highways and rights of abutting owners; zoning and city planning; municipal finance; home rule; initiative, referendum and recall; officers and employees, their election, appointment, removal, and the merit system; rights and remedies of citizens against city and officers, including injunctions, mandamus, and damages for breach of contract and municipal torts; rights and remedies of city against individuals and state. Seasongood, Cases on Municipal Corporations, 2d edition, and supplementary material.

LW. 505.—Federal Jurisdiction. 2 hours. 2 credits.

System of courts created under authority of the United States; jurisdiction; removal of cases from state courts; substantive law applied by federal courts; appellate jurisdiction. Dobie and Ladd, Cases on Federal Jurisdiction and Procedure.

LW. 506.—Negotiable Instruments. 3 hours. 3 credits.

The law of bills, notes, and checks; characteristics requisite for negotiability; methods of negotiation; the holder in due course; equities and personal defenses; absolute defenses; liability of parties; proceedings before and after dishonor; discharge; actions. Britton, Cases on Bills and Notes, 3d edition.

LW. 508.—Conflict of Laws. 3 hours. 3 credits.

Jurisdiction; sources of law and comity; remedies; rights of action; procedure; obligations ex delicto and ex contractu; personal relations; property inheritance; administration of estates; judgments and obligations. Lorenzen, Cases on Conflict of Laws, 5th edition.

LW. 509.—Sales. 2 hours. 2 credits.

Title transfer under sales contracts, and price arrangements and formalities of sales contracts; seller's lien, sales on approval, sale or return, and other devices of the law designed to promote sales; fraudulent transfers; warranties; performance of sales contracts; remedies of seller and buyer. Vold, Cases on Sales, 2d edition.

LW. 513.—Future Interests. 3 hours. 3 credits. Prerequisite: LW. 312.

A study of testamentary and inter vivos transmissions of mixed assets to achieve defined results through differing periods of time and circumstance; conditional estates, gifts to classes, powers, rule against perpetuities, and restraints on alienation. Leach, Cases on Future Interests, 2d edition.

LW. 516.—Practice Court. 2 credits.

Trial practice problems; the preparation and trial of cases.

LW. 518.—Procedure, III. 2 hours. 2 credits.

Formerly "Federal Rules." Complaint, defenses, motions, amendments, pre-trial procedure, depositions, discovery, trials, trials by court or by jury, dismissal of actions, motion for directed verdict, new trials. Federal Rules of Civil Procedure, Florida Common Law Rules of Civil Procedure, and selected cases.

LW. 519.—Trial Practice. 3 hours. 3 credits.

The jury; instructions; trials; verdicts; judgments. McBaine, Cases on Trial Practice, 2d edition.

LW. 520.—Creditors' Rights. 3 hours. 3 credits.

Remedies of the unsecured creditor; bankruptcy. Hanna and MacLachlan, Cases on Creditors' Rights, 4th edition.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

LW. 522.—Admiralty. 2 hours. 2 credits.

Historical background; judicial jurisdiction of maritime causes in actions in rem and in personam in state and federal courts; waters subject to jurisdiction; torts; wrongful death; contracts; what constitutes a vessel; limitations on state and federal legislation; sovereign immunity; maritime liens; rights of seamen, longshoremen and harbor workers; carriage of goods under Harter Act and Hague Rules; charter parties; salvage; general average; marine insurance; pilotage; towage; collision; limitation of liability. Lord and Sprague, Cases on Admiralty, 2d edition. Suggested reading, Robinson on Admiralty (Hornbook).

LW. 527.—Suretyship. 2 hours. 2 credits.

Oral surety promises under statute of frauds; rights, duties, liabilities, and defenses of principal, creditor, surety, cosurety, subsurety, third party beneficiaries and strangers to the contract; surety's rights prior to payment, including right to notice of default, right to compel creditor to proceed against principal or principal's property, and exoneration; surety's rights after payment, including reimbursement, subrogation, and contribution; surety's defenses, including change of creditor or principal, non-disclosure, absence of principal obligation, set-off and counterclaim of principal, release of principal by act of creditor or operation of law, tender of payment and alteration. Simpson, Cases on Suretyship. Suggested reading, Restatement of Security.

LW. 533.—Labor Law. 2 hours. 2 credits.

General theories regarding rights and liabilities involved in the employer-employee relation; union self-help; strike, boycott, picketing; statutory rights and liabilities of employers and employees; the trade agreement. Landis and Manoff, Cases on Labor Law, 2d edition, with supplement.

LW. 534.—Corporate Reorganization. 2 hours. 2 credits.

Merger, consolidation, and termination of corporations; reorganization without judicial supervision; reorganization in equity and under Chapter X of the Bankruptcy Act; some federal tax aspects of reorganization. Casebook to be selected.

LW. 536.—Security Transactions. 3 hours. 3 credits.

Real property mortgages; personal property security, including pledges, chattel mortgages, conditional sales, and trust receipts. Osborne, Cases on Property Security.

LW. 537.—Office Practice. 2 hours. 2 credits.

A practical study of the daily work of the lawyer in the conduct and management of a law office; instruction and practice in the drafting and preparation of contracts, deeds, mortgages, conditional sales, mechanics' liens, leases, wills, and other legal instruments. McCarty, Law Office Management; selected Practicing Law Institute materials.

LW. 538.—Seminar in Legal Philosophy. 1 hour. 1 credit.

Creation of an awareness of concepts, with emphasis on the interrelation of justice and law; views of great philosophers on law as one aspect of their philosophical systems; schools of legal thought; methodology of judiciary; analysis of assumptions made in formulating familiar doctrines in the law. Each student will lead a discussion and submit an original essay. Limited to students in their fourth, fifth or sixth semesters. Preference for enrollment accorded to those in their final semester. Cairns, Legal Philosophy from Plato to Hegel, and collateral reading.

LW. 539.—Estate Planning. 2 hours. 2 credits.

Development of estate problems. The solution, mitigation, and off-setting of estate problems. Practical procedures for use in planning the small and large estate. Mimeographed materials.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

LW. 540.—Seminar in Comparative Commercial Law. 2 hours. 2 credits.

A study of the formal sources of law in western European and Latin American countries; a brief survey of the basic constitutional concepts and organization of the judicial systems of selected Latin-American countries; statutes, cases and readings designed to acquaint students with some of the legal questions which arise in commercial transactions with Civil Law countries. Emphasis will be placed on the legal systems of Latin-American countries in a manner designed to give the student an understanding of and familiarity with some of the concepts basic to dealings with Latin-American lawyers or businessmen. Enrollment limited to students in their fifth or sixth semesters. Materials to be assigned.

LW. 541.—Taxation III. 2 hours. 2 credits. Prerequisites: LW. 441 (Taxation I) and LW. 442 (Taxation II).

The federal income tax; research in federal taxation. Griswold, Cases and Materials on Federal Taxation (3rd Ed. 1950); Prentice-Hall, Students Tax Law Service.

LW. 546.—Seminar in Legislative Drafting. 2 hours. 2 credits. Prerequisite: LW. 401 and LW. 411, or permission of instructor. Recommended as background: LW. 436 and LW. 504.

Study of the legislative function in operation and its part in government; development and present status of statute law relative to other types of law; nature and purpose of legislative research; legal phraseology; technique of bill-drafting. Intensive work on specific drafting problems, with emphasis on current Florida law, will be undertaken by members of the class. Selected materials.

LW. 590.—Law Review. 1 credit per semester.

Intensive training in research on specific practical problems in Florida and federal law; organizing and editing for publication; style in legal writing. Limited, with or without credit, to students who have completed their first semester and whose average in all previous law courses attempted is at least 2.0 at time of undertaking law review work. Limited for credit to juniors and seniors who have an honor-point average of at least 3.0 either in preceding semester or in all previous law courses attempted, or who have had one semester of satisfactory training, without credit, under Research Editor.

LW. 601.—Legal Research. 1 to 6 credits.

Training in the technique of legal research and writing; creative work is done in connection with specific legal problems.

LIBRARY SCIENCE

Instructional Staff 1950-51

West, S. L., Head; Dickison, R. R.; Grazier, R. T.; Knox, M. E.; Prince, V. C., Youngs, M. A.

Prerequisite: Admission to an Upper Division school or college.

A limited program is offered in summer sessions. For these courses consult the Summer Session edition of the University Record.

LY. 303 and LY. 304 form a six-hour sequence in library organization, but either course may be taken independently of the other. LY. 301 is a basic course in library materials and can be logically followed by either LY. 402, LY. 404, or EH. 391 (Children's Literature), according to the student's interest.

LY. 301.—Introduction to Library Materials. 3 hours. 3 credits. Offered 1.

Principles and methods of evaluating and selecting books and other library materials, and their use for reference purposes.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

LY. 303.—Library Organization and Administration. 3 hours. 3 credits. Offered 1.

An introduction to librarianship as a profession. Surveys the basic functions and procedures common to all types of libraries.

LY. 304.—Organization of Library Materials. 3 hours. 3 credits. Offered 2.

An introduction to the cataloging and classification of books and other library materials.

LY. 306.—History of Books and Printing. 2 hours. 2 credits. Offered 1, 2.

A survey of bookmaking from the earliest times to the present.

LY. 402.—Library Materials for the Social Sciences and the Humanities. 2 hours. 2 credits. Prerequisite: LY. 301 and reading knowledge of a foreign language. Offered 2.

The special reference tools, bibliographic aids, and important books and periodicals in the cultural studies.

LY. 404.—Library Materials for Science and Technology. 2 hours. 2 credits. Prerequisite: LY. 301 and reading knowledge of a foreign language, preferably German. Offered 2.

The basic reference works, bibliographies, literature guides, and important periodicals and books in the fields of science and technology.

MATHEMATICS

Instructional Staff 1950-51

Simpson, T. M., Head; Blake, R. G., Blanton, L. W., Conkling, R. M., Cowan, R. W., Dostal, B. F., Ellis, David, Gager, W. A., Gormsen, S. T., Hadlock, E. H., Hutcherson, W. R., Kokomoor, F. W., Lang, G. B., Lewis, H. K., Litherland, A. C., Lytle, E. J. Jr., Mason, R. H., McCarty, M. E., McInnis, S. W., Meyer, H. A., Morales, J. A., Morelock, J. C., Patterson, P. B., Phipps, C. G., Pirenian, Z. M., Rohde, F. Virginia, Smith, C. B., Walters, K., and Young, J. W.

MS. 105.—Basic Mathematics. 4 hours. 4 credits. The first half of the course MS. 105-106. Prerequisite: C-42, except for the superior group in mathematics. Offered 1, 2, 3.

MS. 105-106: In place of the traditional college algebra, trigonometry and analytic geometry in succession, this course offers a sequence of topics including much of the above plus some calculus. The choice of material is so made as to present mathematics as an integrated whole, and at the same time to show its correlation with other subjects in the curriculum.

MS. 106.—Basic Mathematics. 4 hours. 4 credits. The second half of the course MS. 105-106. Offered 1, 2, 3.

MS. 208.—Business Mathematics. 3 hours. 3 credits. Prerequisite: C-42 or its equivalent. Offered 1, 2, 3.

Arithmetical, and some algebraic, treatment of the mathematical problems involved in business. Simple interest, simple, bank, and trade discounts, promissory notes, drafts, compound interest and related problems, partial payment, annuities, amortization, and other topics of the mathematics of business are treated. Not open to students who have had MS. 308, and not counted toward a mathematics major.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

MS. 225.—Arithmetic for Teachers. 3 hours. 3 credits. Prerequisite: C-42, or special permission of instructor. Offered 1, 2, 3.

Treatment of fundamental notions of arithmetic with certain advanced ideas designed to throw light upon the beginning processes. Intended not only for teachers of arithmetic but also for teachers of any science in which familiarity with number processes is desirable. Not open to students who have completed more than two semesters of college mathematics, except by special permission of instructor.

MS. 226.—Algebra for Teachers. 3 hours. 3 credits. Offered 3.

The material of first and second year high school algebra. A study of the state-adopted textbooks, with supplementary and illustrative material. Methods of presentation illustrated; functional relations; construction and interpretation of graphs. This course does not count toward a mathematics major.

MS. 308.—Mathematics of Finance. 3 hours. 3 credits. Prerequisite: C-42 or equivalent. Offered 1, 2, 3.

An algebraic treatment of practical financial problems. Compound interest, annuities, bonds and contracts, depreciation and depletion, sinking funds and amortization of debts, and life insurance mathematics are studied. Somewhat more advanced and more theoretical than MS. 208. Not open to students who have had MS. 208.

MS. 310.—Statistical Methods. 3 hours. 3 credits. Prerequisite: Permission of instructor. Offered 1, 2.

Presents the bases back of the various procedures as well as practical computational methods, but avoids mathematical derivations. Regression surfaces; method of least squares; partial, multiple and other correlation; elementary sampling theory; reliability of statistical measures; Chi-square tests; "Student's distribution;" analysis of variance; advanced graphical techniques.

MS. 311.—Advanced College Algebra. 3 hours. 3 credits. Prerequisite: MS. 105-106, or equivalent. Offered 1.

Further treatment of such topics as progressions, theory of quadratic equations, permutations, combinations, probability, induction, binominal theorem, series, undetermined coefficients. Valuable to prospective algebra teachers, actuarial students, and others interested in further algebraic technique.

MS. 320.—Theory of Equations. 3 hours. 3 credits. Prerequisite: MS. 105-106, or equivalent. Offered 2, 3.

Theorems and methods of solution relating to equations of higher degree. Approximate solutions of numerical equations. Determinants and their properties. Systems of linear equations. Symmetric functions.

MS. 325.—Advanced General Mathematics. 3 hours. 3 credits. Prerequisite: Permission of instructor. Offered 1, 3.

Continuation of the arithmetic and algebraic topics treated in C-42 together with some supplementary material. The deeper meaning of laws underlying number operations. Some properties of positive whole numbers. Equations of various types classified and general solutions given. Higher functional analysis. Valuable to prospective teachers of mathematics and others who wish to continue some mathematical work without becoming specialists in pure mathematics.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

MS. 326.—Advanced General Mathematics. 3 hours. 3 credits. Prerequisite: Permission of instructor. May precede, follow, or be taken simultaneously with MS. 325. Offered 2.

Review of the facts and processes of elementary Euclidean geometry, with the study of numerous generalizations of theorems and the manner in which geometry, algebra, trigonometry and analytic geometry are related. The nature of proof. Types of proof. Problems in geometric constructions. Inequalities. The locus idea treated both synthetically and analytically. Valuable to prospective teachers of high school mathematics and to other students majoring in mathematics.

MS. 340.—Graphical and Numerical Analysis. 2 hours. and 2 hours laboratory. 3 credits. Prerequisite: MS. 354 or permission of the instructor. Offered 2.

The graphical solution of special problems; the use of various kinds of graph paper; the construction and use of simple monograms; numerical and graphical integration and differentiation; the use of mathematical tables and interpolation therein; the use of computing machines, the planimeter, the slide-rules of special types, the preparation and arrangement of problems for computation.

MS. 353.—Differential Calculus. 4 hours. 4 credits. The first half of the course MS. 353-354. Prerequisite: MS. 105-106 or equivalent. Offered 1, 2, 3.

MS. 353-354: Differentiation and integration. Typical problems solved by these methods are calculation of rates of change, computation of areas, volumes, moments of inertia, energy, power and many others. Various advanced topics of special value to engineers and scientists.

MS. 354.—Integral Calculus. 4 hours. 4 credits. The second half of the course MS. 353-354. Offered 1, 2, 3.

MS. 355.—Intermediate Calculus. 3 hours. 3 credits. Prerequisite: MS. 353-354 or equivalent. Offered 1, 2, 3.

This course is designed to bridge the gap between the first course in calculus and graduate courses. It covers hyperbolic functions, additional methods of integration, and some topics in solid analytic geometry with emphasis on partial differentiation and multiple integration. It completes and supplements MS. 353-354 which are prerequisites.

MS. 385.—Advanced Trigonometry. 3 hours. 3 credits. Prerequisite: Plane trigonometry and solid geometry, or MS. 105-106. Offered 2.

Special emphasis on spherical trigonometry. The first part of the course consists of a recapitulation of the essentials of plane trigonometry and the development of some further topics in that field. Then follows a development of the formulas relating to triangles formed by great circles on a sphere.

MS. 402.—Solid Analytic Geometry. 3 hours. 3 credits. Prerequisite: Permission of instructor. Offered 1, 3.

An introductory course dealing with lines, planes, surfaces, transformations of coordinates, the general equation of the second degree and properties of quadrics.

MS. 411.—Survey of Modern Algebra. 3 hours. 3 credits. Prerequisite: MS. 105-106, or equivalent. Offered 1, 3.

An introduction to the simpler concepts of higher algebra. Number system, number theory, groups, rings, ideals, integral domains, fields, matrices, etc. Furnishes excellent background for further study of modern higher algebra. Valuable also to others desiring an acquaintance with modern algebra without specializing in it.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

MS. 415.—Elementary Theory of Numbers. 3 hours. 3 credits. Prerequisite: Permission of instructor. Not offered 1951-52.

General introduction to the theory of numbers; theorems on divisibility and congruences; quadratic residues and the reciprocity law; Diophantine equations; and binary quadratic forms.

MS. 420.—Differential Equations. 3 hours. 3 credits. Prerequisite: MS. 353-354. Offered 1, 2, 3.

The classification, solution and application of various equations which contain expressions involving not only variables, but also the derivatives of these variables.

MS. 421.—Higher Mathematics for Engineers and Physicists. 3 hours. 3 credits. Prerequisite: MS. 353-354. Offered 1.

Introduces the student to various mathematical fields such as partial differentiation, partial differential equations, boundary-value problems and applications of vector analysis.

MS. 422.—Higher Mathematics for Engineers and Physicists. 3 hours. 3 credits. Prerequisite: MS 420 and MS. 421. Offered 2.

Laplace transform and applications; applied problems in complex integration and conformal mapping. A continuation of the course MS. 421.

MS. 431.—College Geometry. 3 hours. 3 credits. Offered 1, 3.

The use of elementary methods in the advanced study of the triangle and circle. Special emphasis on solving original exercises. Valuable to prospective high school geometry teachers.

GRADUATE COURSES

Prerequisites: A student must have an undergraduate major in mathematics or its equivalent as determined by the Department. Prerequisites to individual courses should be determined by consultation with the instructors concerned.

MS. 502.—Vector Analysis. 3 hours. 3 credits. Offered 1, 2, 3.

The algebra and calculus of vectors in two and three dimensions. Applications to problems in physics and engineering.

MS. 507.—Tensor Analysis. 3 hours. 3 credits. Offered 1, 3.

A study of transformations of coordinates, matrices, and tensors. The calculus of tensors. Special attention to the application of tensors in differential geometry, differential equations, problems from physics, and n-dimensional Euclidean, Riemannian, and other spaces.

MS. 511.—Introduction to Higher Algebra. 3 hours. 3 credits. The first half of the course MS. 511-512. Offered 1.

MS. 511-512: An introduction to the theory of: matrices, linear transformations; quadratic, bilinear, and Hermitian forms; equivalence of pairs of such forms; algebraic invariants and covariants.

MS. 512.—Introduction to Higher Algebra. 3 hours. 3 credits. The second half of the course MS. 511-512. Offered 2.

MS. 513.—Theory of Groups of Finite Order. 3 hours. 3 credits. Offered 3.

Introduction to the group concept; a treatment of pure group-theory with numerous examples and a few of the simpler applications.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

MS. 514.—Further Theory and Application of Finite Groups. 3 hours. 3 credits. Offered 2.

A continuation of MS. 513. Theory of algebraic extensions of a field. Galois theory of fields. Galois theory of equations. Some geometric applications of group theory.

MS. 515.—Theory of Numbers. 3 hours. 3 credits. Prerequisite: MS. 415. Not offered 1951-52.

Indefinite binary quadratic forms; composition and genera of binary quadratic forms; quadratic forms in n variables; ternary quadratic forms; reduced positive tenary forms and tables.

MS. 519.—Theory of Probability and Theory of Sampling. 3 hours. 3 credits. Offered 1.

Theory of probability. Frequency distributions. Normal and other frequency curves. Inverse probability. Method of least squares. Measures of reliability. Theory of sampling. Theory of small samples.

MS. 520.—Advanced Statistics. 3 hours. 3 credits. Offered 2, 3.

Various measures of correlation. Tetrachoric r. Curvilinear correlation. Partial and multiple correlation. Regression surfaces. Normal surfaces. Derivation of formulas. The Gram—Charlier series. Measures of reliability. Analysis of variance. Design of experiments.

MS. 521.—Empirical Analysis and Curve Fitting. 3 hours. 3 credits. Offered 1.

Determination of equation from graphical analysis. Use of logarithmic and other special types of graphs. Method of least squares; application to residuals; application to numerical differentiation. "Curve smoothing" or regraduation of data. Gram polynominals. Numerical harmonic analysis. Periodgram analysis. Illustrated with the problems from the fields of botany, engineering, chemistry, and physics. The student is advised but is not required to take MS. 522 before taking this course.

MS. 522.—Finite Difference and Interpolation. 3 hours. 3 credits. Offered 2.

The elements of the calculus of finite differences. Interpolation formulas. Inverse interpolation. Subtabulation of data. Numerical differentiation. Numerical integration. Summation in terms of integration and differentiation. Derivation of formulas from functional or recurrence relations. The student should have a knowledge of calculus through Taylor's series.

MS. 524.—Synthetic Projective Geometry. 3 hours. 3 credits. Offered 1.

Pure geometry dealing primarily with properties unaltered by the processes of projection and section; principal theorems involved; theory of poles, polars, involution and kindred topics.

MS. 525.—Econometrics. 3 hours. 3 credits. The first half of the course MS. 525-526. Not offered 1951-52.

MS. 525-526: The mathematical interpretation of economic hypotheses. Conclusions reached by mathematical treatment and procedure. Mechanism for the comparison of conclusions with observations. This course is concerned with the method of dealing mathematically with the material of economics, rather than with the validity of the hypotheses and laws involved.

MS. 526.—Econometrics. 3 hours. 3 credits. The second half of the course MS. 525-526. Not offered 1951-52.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

MS. 531.—Advanced College Geometry. 3 hours. 3 credits. Offered 3.

A continuation of the study pursued in MS. 431, dealing with inverse figures, circles of antisimilitude, stereographic projection. A treatment of special topics such as the theorem of Miquel and related relationships, isogonal and isotopic conjugates, isogonic centers and their properties, and the circles of Spieker, Droz-Farny, Lemoine, Tucker, Taylor, and McCay. Notable points such as the Nagel, Steiner, and Terry points.

MS. 534.—Analytic Projective Geometry. 3 hours. 3 credits. Not offered 1951-52.

Homogeneous coordinates are used in the analytic treatment of ranges, pencils, cross ratio, circle points at infinity, line and point coordinates, collineations, correlation, and involution.

MS. 536.—Foundations of Geometry. 3 hours. 3 credits. Offered 2.

An investigation of the assumptions of geometry; the parallel postulate; steps leading to non-Euclidean geometries; consequent development of modern branches of the subject; elements of non-Euclidean plane geometry, trigonometry and calculus.

MS. 539.—Partial Differential Equations. 3 hours. 3 credits. Offered 1.

Origins of partial differential equations; solutions of linear equations of the first order; Charpit and Jacobi's methods of solving non-linear equations of first order; simultaneous partial differential equations; solution of linear equations of second and higher orders by various methods; applications to geometry; Legendre polynomials; Bessel functions; numerous applications of the method of separation of variables to the solution of physical problems.

MS. 540.—Fourier Series. 3 hours. 3 credits. Offered 2, 3.

The application of trigonometric series to the solution of boundary value problems of mathematical physics. Solutions are obtained to partial differential equations relating to the flow of heat, conduction of electricity and vibrating strings.

MS. 545.—Mathematical Theory of Elasticity. 3 hours. 3 credits. The first half of the course MS. 545-546. Not offered 1951-52.

MS. 545-546: Analysis of strain, analysis of stress, elasticity of solid bodies, general theorems of elasticity, two-dimensional elastic systems, bending of beams and plates, torsion, problems concerning the equilibrium of rods and plates.

MS. 546.—Mathematical Theory of Elasticity. 3 hours. 3 credits. The second half of the course MS. 545-546. Not offered 1951-52.

MS. 551.—Advanced Topics in Calculus. 3 hours. 3 credits. The first half of the course MS. 551-552. Offered 1, 3.

MS. 551-552: Topics of advanced nature selected from the calculus, including partial differentiation, Taylor's theorem, infinite series, continuation of simple multiple integrals, line and surface integrals, Green's theorem, etc.

MS. 552.—Advanced Topics in Calculus. 3 hours. 3 credits. The second half of the course MS. 551-552. Offered 2, 3.

MS. 553.—Calculus of Variations. 3 hours. 3 credits. Not offered 1951-52.

Introductory theory and application of the calculus of variations. The problems of the shortest arc, quickest descent, minimum surface and the least area enclosed by a curve of given length are treated. Applications using Hamilton's Principle and Lagrange's equations.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

MS. 555.—Functions of a Complex Variable. 3 hours. 3 credits. The first half of the course MS. 555-556. Offered 1, 3.

MS. 555-556: Fundamental operations with complex numbers; differentiation and integration theorems; mapping; transformations; series.

MS. 556.—Functions of a Complex Variable. 3 hours. 3 credits. The second half of the course MS. 555-556. Offered 2.

MS. 559.—Functions of Real Variables. 3 hours. 3 credits. The first half of the course MS. 559-560. Not offered 1951-52.

MS. 559-560: The real number system; theory of point sets; rigorous investigation of many questions arising in the calculus; Lebesque integral; infinite series.

MS. 560.—Functions of Real Variables. 3 hours. 3 credits. The second half of the course MS. 559-560. Offered 3.

MS. 568.—History of Elementary Mathematics. 3 hours. 3 credits. Offered 2, 3.

A survey of the development of mathematics through the calculus, with special emphasis on the changes of the processes of operations and methods of teaching. No specific text is followed, but numerous works are used as reference.

MS. 590.—Individual Work. Variable credit. Offered 1, 2, 3.

The purpose of this course is to introduce the student to research literature in mathematics. Each student will read and report on at least one paper (selected in consultation with the instructor) from a current mathematics periodical.

MECHANICAL ENGINEERING

Instructional Staff 1950-51

Reed, J. C., Head; Bourke, N., Bussell, W. H., Jr., Dent, J. A., Frash, E. S., Hoffman, P. C., Jacunski, E. W., Leggett, J. T., McKissock, G. D., Phelps, G. O., Prescott, F. L., Reber, K. W., Remp, G. E., Rogers, W. B., Scott, L. A., Smith, Jack H., Smith, James H., Sutton, G. E., Tiffin, W. T., Williams, H. B.

ML. 181.—Engineering Drawing. 4 hours drawing. 2 credits. Corequisite: MS. 105. Offered 1, 2, 3.

How to make and how to read engineering drawings. Frash, *Instructions, Letter Plates and Sketch Plates for Engineering Drawing.* Giesecke, Mitchell, Spencer, *Technical Drawing.*

Equipment costing about thirty dollars is required but will be used extensively in later courses.

ML. 182.—Descriptive Geometry. 4 hours drawing. 2 credits. Prerequisite: ML. 181. Offered 1, 2, 3.

The principles of projection and the development of surfaces. Frash, *Geometric Drawing.* Warner, *Applied Descriptive Geometry.*

ML. 281.—Elementary Design. 2 hours, and 3 hours drawing. 3 credits. Prerequisite: ML. 282. Offered 1, 2.

The construction of industrial machine drawings. The application of the principles of mechanism in the design of simple machinery, and the use of standard machine parts.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

ML. 282.—Mechanism and Kinematics. 2 hours, and 3 hours drawing. 3 credits. Prerequisite: ML. 182; Corequisite: PS. 205. Offered 1, 2, 3.

Revolving and oscillating bodies, link work, belts, pulleys, gears, and cams; trains of mechanisms and the velocities of moving parts. Keown and Faires, *Mechanism.*

ML. 381.—Elementary Heat Power. 3 hours. 3 credits. Prerequisite: MS 354, PS. 206. Offered 1, 2.

For Civil Engineering Students. The fundamentals of steam power plants, internal combustion engines, and compressed air machinery. Severns and Degler, *Steam, Air and Gas Power.*

ML. 384.—Metallography and Heat Treatment. 2 hours, and 3 hours laboratory. 3 credits. Prerequisite: CG. 361, or CY. 402. Offered 1, 2, 3.

The crystal structure of ferrous and non-ferrous metals and their alloys; the iron-carbon diagram, heat treatment, and use of steel and cast iron. Lord, *Alloy Systems.*

ML. 385.—Thermodynamics. 3 hours. 3 credits. Prerequisites: MS. 354, PS. 206, CY. 106. Offered 1, 2, 3.

Energy equations and availability of energy; gases, vapors, and mixtures; engineering applications in flow of fluids, vapor power cycles. Ebaugh, *Engineering Thermodynamics.* Keenan & Keyes, *Thermodynamic Properties of Steam.* A. C. & R. M. A., *Properties of Commonly Used Refrigerants.*

ML. 386.—Power Engineering. 3 hours. 3 credits. Prerequisite: ML. 385 or CG. 467-468. Offered 1, 2, 3.

Steam and Diesel engine power plants and their auxiliary equipment. Remp, *Fundamentals of Power Plant Engineering.*

ML. 387.—Mechanical Laboratory. 1 hour, and 3 hours laboratory. 1 credit. Corequisite: ML. 385. Offered 1, 2, 3.

Preparation of engineering reports, computation aids, the measurement of area, time, speed, pressure, temperature and gas flow. *Laboratory Instructions.* Moyer, *Power Plant Testing.*

ML. 388.—Mechanical Laboratory. 1 hour, and 3 hours laboratory. 1 credit. Prerequisite: ML. 387; Corequisite: ML. 386. Offered 1, 2, 3.

Analysis of fuels, heating value, flue gas analysis, and the testing of boilers, turbines, engines and steam plant auxiliary apparatus. *Laboratory Instructions.* Moyer, *Power Plant Testing.*

ML. 390.—Advanced Thermodynamics. 3 hours. 3 credits. Prerequisite: ML. 385. Offered 1, 2.

Fuels and combustion; heat transfer; vapor power cycles; steam engines; steam and gas turbines; internal combustion cycles; gas compression; refrigeration cycles. Ebaugh, *Engineering Thermodynamics.* Keenan and Keyes, *Thermodynamic Properties of Steam.* A. C. & R. M. A., *Properties of Commonly Used Refrigerants.*

ML. 473.—Seminar. 1 hour. 1 credit. The first half of the course ML. 473-474. Offered 1.

Presentation of papers on current developments in mechanical engineering.

ML. 474.—Seminar. 1 hour. 1 credit. The second half of the course ML. 473-474. Offered 2.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

ML. 481.—Internal Combustion Engines. 3 hours. 3 credits. Prerequisite: ML. 385. Offered 1, 2.

Gas and Liquid fuels, internal combustion engines, hot-air engines, gas producers, and gas turbines. Automotive, aircraft, and diesel power plants. Obert, *Internal Combustion Engines.*

ML. 482.—Refrigeration and Air Conditioning. 3 hours. 3 credits. Prerequisite: ML. 390. Offered 1, 2.

Refrigerating and air conditioning apparatus and their applications to the industrial, commercial and residential fields. Jennings and Lewis, *Air Conditioning and Refrigeration,* 2nd Edition.

ML. 483.—Mechanical Laboratory. 1 hour, and 3 hours laboratory. 1 credit. Prerequisite: ML. 387; Corequisite: ML. 481. Offered 1, 2.

Testing of lubricants, gasoline, automobile engines, aircraft engines, and high and low speed Diesel engines. U. S. Government Specifications, *Lubricants and Liquid Fuels,* A. S. M. E., *Power Test Codes.* Obert, *Internal Combustion Engines. Laboratory Instructions.*

ML. 484.—Mechanical Laboratory. 1 hour, and 3 hours laboratory. 1 credit. Prerequisite: ML. 387; Corequisite: ML. 482. Offered 1, 2.

Tests of an ammonia refrigeration system, freon direct expansion air conditioner, air washer air conditioner, fans, the study of pneumatic and electric controls, and air distribution. A. S. M. E. and A. S. H. & V. E., *Test Codes.* Shoop and Tuve, *Mechanical Engineering Practice. Laboratory Instructions.*

ML. 489.—Manufacturing Operations. 2 hours, and 3 hours laboratory. 3 credits. The first half of the course ML. 489-490. Prerequisite: EM. 366 or Corequisite: EM. 367. Offered 1, 2, 3.

Machinery, materials and processes used in manufacturing. Subjects covered include, inspection; gages and instruments, gage design and application, jigs, and fixtures, design and application, and production using machine tools with application of hand book data. Hesse, *Engineering Tools and Processes. Laboratory Instructions.*

ML. 490.—Manufacturing Operations. 2 hours, and 3 hours laboratory. 3 credits. The second half of the course ML. 489-490. Offered 1, 2.

Machinery, materials and processes used in manufacturing. Subjects covered include, casting, die casting, forging, blanking, welding and cutting and inspection of casting and weldments by magnaflux and X-ray. Hesse, *Engineering Tools and Processes;* Rossi, *Welding and Its Application. Instructors notes.*

ML. 491.—Machine Design. 3 hours, and 3 hours drawing. 4 credits. Prerequisites: ML. 281, EM. 366, EM. 367. Offered 1, 2.

Stress analysis of machine elements, design procedure, design of machine elements.

ML. 492.—Advanced Machine Design. 2 hours, and 3 hours drawing. 3 credits. Prerequisite: ML. 491. Offered 1, 2.

A continuation of ML. 491 with advanced problems in design, and the design of a complete machine.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

ML. 493.—Mechanical Design. 3 hours. 3 credits. The first half of the course ML. 493-494. Offered 1.

Special problems in design.

ML. 494.—Mechanical Design. 3 hours, 3 credits. The second half of the course ML. 493-494. Offered 2.

GRADUATE COURSES

Prerequisites: See the Prerequisites for the various courses offered.

ML. 581.—Advanced Mechanical Design. 3 hours. 3 credits. Prerequisites: MS. 353-354, EM. 366, ML. 491. Offered 1.

Study of exciting forces and frequencies, resonant and forced vibration; linear and torsional vibrating systems; one, two and three mass systems; multi-mass systems and their natural frequencies; systems of one to six degrees of freedom; vibration absorbers; vibration dampers; and methods of analysis to determine harmonic frequencies and amplitudes, effect of hysteresis, etc. Freberg and Kemler, *Elements of Mechanical Vibrations.*

ML. 582.—Advanced Mechanical Design. 2 hours, and 3 hours laboratory. 3 credits. Prerequisite: ML. 491. Offered 2.

Study of forces and stresses in machines produced by inertia and accelerations. Governors, flywheels, brakes, clutches and gyroscopic action are studied. Ham and Crane, *Mechanics of Machinery.*

ML. 583.—Mechanical Research. Variable credit. The first half of the course ML. 583-584. Prerequisite: ML. 483-484. (Mechanical Laboratory). Offered 1, 3.

Research projects in Mechanical Engineering.

ML. 584.—Mechanical Research. Variable credit. The second half of the course ML. 583-584. Prerequisite: ML. 583. Offered 2, 3.

ML. 585.—Advanced Air Conditioning. 3 hours. 3 credits. Prerequisite: ML. 482 (Refrigeration and Air Conditioning). Offered 2.

A continuation of ML. 482 with emphasis on design, estimation of systems, plans and specifications.

ML. 586.—Advanced Engineering Thermodynamics. 3 credits. Prerequisite: ML. 390. Offered 1.

The general equations of thermodynamics and their applications and advanced study of combustion processes.

ML. 587.—Advanced Refrigeration. 3 hours. 3 credits. Prerequisite: ML. 482. Offered 1.

A continuation of ML. 482 with particular emphasis on the design of commercial refrigeration systems, selection of apparatus and engineering design economics.

ML. 589.—Advanced Mechanical Laboratory. 3 credits. The first half of the course ML. 589-590. Prerequisite: ML. 483-484. (Mechanical Laboratory). Offered 1, 3.

Experimental projects in Mechanical Engineering.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

ML. 590.—Advanced Mechanical Laboratory. 3 credits. The second half of the course ML. 589-590. Offered 2, 3.

ML. 591.—Gas Turbines and Jet Engines. 3 hours. 3 credits. Prerequisite: ML. 481, Internal Combustion Engines. Offered 2.

A continuation of ML. 481 with advanced study on the gas turbine as applied to stationary, locomotive and marine power plants. The gas turbine as applied to aircraft power plants. Other reaction motors; such as, the pulse jets, continuous jets, and rockets are considered.

METEOROLOGY

Instructional Staff 1950-51

Williamson, R. C., Head; Purdy, D. R.

While in the University College, undergraduate majors in meteorology are advised to select the following courses: Ms. 105-6, Es. 203, Ps. 211-12, Ps. 207-8, Ms. 353-4 and German 33-4.

One semester of any meteorology course offered will be acceptable as a part of the requirement for a group major in physics.

MTY. 101.—General Meteorology. 3 hours, and 3 hours laboratory. 4 credits. Prerequisite: C-21. Offered 2.

A brief descriptive course presenting in an elementary manner the basic principles of modern meteorology, and designed to give the student insight into the physical processes underlying the phenomena of weather and climate. It is to satisfy the interested curiosity of the general student as well as to furnish a background useful to the practicing amateur weatherman. May not be taken for credit by students majoring in meteorology.

MTY. 202.—Meteorological Instruments and Observations. 2 hours and 3 hours laboratory. 3 credits. Prerequisite: C-21. Offered 1.

A course designed to indoctrinate the potential practicing meteorologist with a knowledge of the tools of his profession. Underlying principles of meteorological instrumentation are emphasized in the discussions. Laboratory work gives practical experience in both surface and upper air observations, as well as in the use of meteorological codes.

MTY. 301.—Elements of Meteorology. 3 hours, and 3 hours laboratory. 4 credits. Prerequisite: PS. 205-206. Not offered 1951-52.

Fundamentals of synoptic and dynamic meteorology designed to give students majoring in one of the physical sciences or in engineering a basic understanding of the atmosphere and its weather phenomena and to provide a foundation for possible further study. Instruments and observation; atmospheric composition; adiabatic processes and stability; atmospheric heat balance; evaporation and condensation; winds; the general circulation; fronts, cyclones, and anticyclones; air masses; local wind systems; easterly waves; tropical cyclones; thunderstorms; forecast methods.

MTY. 302.—Elements of Meteorology. 3 hours, and 3 hours laboratory. 4 credits. Prerequisite: MTY. 301. The second half of MTY. 301-302. Not offered 1951-52.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

MTY. 303.—Synoptic Meteorology Laboratory. 15 hours laboratory. 5 credits. Prerequisite: MTY. 202. Offered 1.

A practical course, the goal of which is to teach the techniques of forecasting weather. Through evaluation and interpretation of observational data, an attempt is made to describe the current state of the weather in such terms that its future development may be predicted.

MTY. 304.—Synoptic Meteorology Laboratory. 15 hours laboratory. 5 credits. Prerequisite: MTY. 303. The second half of MTY. 303-304. Offered 2.

MTY. 305.—Dynamic Meteorology. 3 hours. 3 credits. Prerequisite: PS. 205-6; MS. 353-4. Not offered 1951-52.

To provide the theoretical background for the understanding of the physical behavior of the atmosphere and its motions, this course starts from pure physical theory and attempts to develop the thermodynamical and hydrodynamical principles by which atmospheric phenomena and the evolution of the weather may be explained.

MTY. 306.—Dynamic Meteorology. 3 hours. 3 credits. Prerequisite: MTY. 305. The second half of the course MTY. 305-306. Not offered 1951-52.

MILITARY AND AIR SCIENCE
ARMY AND AIR FORCE R. O. T. C.

Instructional Staff 1950-51

ARMY: Price, G. S., Head; Dawson, W. B., Epps, C. K., Finneran, T. C., Foster, W. F., Hanna, L. G., Higley, H. C., Jones, W. Jr., Lewis, C. A., Maynard, S. G., Phillips, T. O., Stearns, R. F.
AIR: Rhudy, R., Head; Gregory, J. O., Gallagher, F. J., Kelly, C. J., Maynard, J. W., Robbins, G. L.

MY. 101.—First-Year Basic. 4 hours. 1 credit. The first half of the course MY. 101-102. Common to Army and Air Force R.O.T.C.

Introduction to military science and elements of national power; military organization including organization of the departments of Army and Air Force; military policy of U. S. including National Defense Act and ROTC; maps and aerial photographs; evolution of warfare; first aid and hygiene; military problems of United States; leadership and drill; individual weapons.

MY. 102.—First-Year Basic. 4 hours. 1 credit. The second half of the course MY. 101-102.

MY. 201.—Second-Year Basic—Infantry. 4 hours. 1 credit. The first half of the course MY. 201-202.

Organization; weapons; marksmanship; technique of fire of the rifle squad; combat formations; scouting and patrolling; tactics of the rifle squad.

MY. 202.—Second-Year Basic—Infantry. 4 hours. 1 credit. The second half of the course MY. 201-202.

MY. 203.—Second-Year Basic—Field Artillery. 4 hours. 1 credit. The first half of the course MY. 203-204.

Field artillery tactics and technique; field artillery organization; field artillery material; service of the piece; instruments; communications; motors and transportation; leadership, drill and exercise of command.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

MY. 204.—Second-Year Basic—Field Artillery. 4 hours. 1 credit. The second half of the course MY. 203-204.

MY. 205.—Second-Year Basic—Transportation Corps. 4 hours. 1 credit. The first half of the course MY. 205-206.

Leadership drill; history of the transportation corps; economics of military transportation; military highway transport; highway organization and operation.

MY. 206.—Second-Year Basic—Transportation Corps. 4 hours. 1 credit. The second half of the course MY. 205-206.

MY. 207.—Second-Year Basic—Air Force. 4 hours. 1 credit. The first half of the course MY. 207-208 or 210.

Fundamentals of aerodynamics and propulsion, weather, navigation, and applied air power; drill.

MY. 208.—Second-Year Basic—Air Force. 4 hours. 1 credit. The second half of the course MY. 207-208.

MY. 301.—First-Year Advanced—Infantry. 6 hours. 2 credits. The first half of the course MY. 301-302.

Organization; weapons, gunnery; communications; combat intelligence; estimate of the situation and combat orders; field fortifications; tactics of rifle and heavy weapons platoons and companies.

MY. 302.—First-Year Advanced—Infantry. 6 hours. 2 credits. The second half of the course MY. 301-302.

MY. 303.—First-Year Advanced—Field Artillery. 6 hours. 2 credits. The first half of the course MY. 303-304.

Field artillery tactics and technique; communications; duties of battery executive; individual weapons and preliminary marksmanship; gunnery; survey; leadership, drill and exercise of command.

MY. 304.—First-Year Advanced—Field Artillery. 6 hours. 2 credits. The second half of the course MY. 303-304.

MY. 305.—First-Year Advanced—Transportation Corps. 6 hours. 2 credits. The first half of the course MY. 305-306.

Organization and operation of railroads; military railway service; harborcraft and marine maintenance; stevedore operations; port operations (debark-embark); organization of the transportation staff; movements; highway transport service; leadership, drill and exercise of command; individual weapons and marksmanship.

MY. 306.—First-Year Advanced—Transportation Corps. 6 hours. 2 credits. The second half of the course MY. 305-306.

MY. 307.—First-Year Advanced—Air Force (Administration and Logistics.) 6 hours. 2 credits. The first half of the course MY. 307-308.

Fundamentals of Air Force supply: Organization, publications, requisitioning and receiving, property accounting, issues of supplies, turn-in of supplies, memorandum receipt account, service stock; special administrative responsibilities; leadership, drill and exercise of command; fundamentals of air force administration: individual records, organizational records, non-appropriated funds; transportation; logistics; air operations.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

MY. 308.—First-Year Advanced—Air Force (Administration and Logistics). 6 hours. 2 credits. The second half of the course MY. 307-308.

MY. 309.—First-Year Advanced—Air Force (Communications). 6 hours. 2 credits. The first half of the course MY. 309-310.

Leadership, drill and exercise of command; logistics; air operations; introduction to communications; visual and aural communications, wire communications; fundamentals of radio communications, radar; supply and maintenance of equipment.

MY. 310.—First-Year Advanced—Air Force (Communications.) 6 hours. 2 credits. The second half of the course MY. 309-310.

MY. 311.—First-Year Advanced—Air Force (Armament). 6 hours. 2 credits. The first half of course MY. 311-312.

Leadership, drill and exercise of command; logistics; air operations; airborne cannon, machine guns, bombs, and rockets; fire control systems, chemical warfare; atomic defense; guided missiles.

MY. 312.—First-Year Advanced—Air Force (Armament.) 6 hours. 2 credits. The second half of the course MY. 311-312.

MY. 401.—Second-Year Advanced—Infantry. 6 hours. 2 credits. The first half of the course MY. 401-402.

Organization; command and staff; communications; motors and transportation; supply and evacuation; troop movement; new developments; the military team and the infantry battalion in attack and defense.

MY. 402.—Second-Year Advanced—Infantry. 6 hours. 2 credits. The second half of the course MY. 401-402.

MY. 403.—Second-Year Advanced—Field Artillery. 6 hours. 2 credits. The first half of the course MY. 403-404.

Field artillery tactics and technique; supply and evacuation; gunnery; surveying; the fire direction center; command and staff; combat intelligence; the military team; new developments; leadership, drill and exercise of command.

MY. 404.—Second-Year Advanced—Field Artillery. 6 hours. 2 credits. The second half of the course MY. 403-404.

MY. 405.—Second-Year Advanced—Transportation Corps. 6 hours. 2 credits. The first half of the course MY. 405-406.

Military teaching methods; military railway service; highway transport operations; overseas supply; highway traffic regulations and control; movement control; psychological warfare; logistics; command and staff; combat intelligence; military administration and personnel management; responsibilities of the transportation officer; leadership, drill and exercise of command.

MY. 406.—Second-Year Advanced—Transportation Corps. 6 hours. 2 credits. The second half of the course MY. 405-406.

MY. 407.—Second-Year Advanced—Air Force (Administration and Logistics.) 6 hours. 2 credits. The first half of the course MY. 407-408.

Military teaching methods; principles of air force management; administrative staff functions; leadership, drill and exercise of command; military courts and boards; staff organization; supply staff functions.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

MY. 408.—Second-Year Advanced—Air Force (Administration and Logistics.) 6 hours. 2 credits. The second half of the course MY. 407-408.

MY. 409.—Second-Year Advanced—Air Force (Communications.) 6 hours. 2 credits. The first half of the course MY. 409-410.

Fundamentals of military administration: military teaching methods; principles of air force management; communications organization; drill, leadership and exercise of command; military courts and boards; command and administration; communication inspections; communications training; message handling; functional communications systems.

MY. 410.—Second-Year Advanced—Air Force (Communications.) 6 hours. 2 credits. The second half of the course MY. 409-410.

MUSIC

Instructional Staff 1950-51

Beecher, A. A., Head; Bachman, H. B., Bolles, R. S., Brown, R. D., Danburg, R. L., Debruyn, J. W., Golz, W. A., Lawrenson, R. E., Lupkiewicz, J., Murphree, C. L., Paul, O. F., Poole, R., Preodor, E., Schmidt, D. T., Sterrett, D. E., Wirtala, A. E.

Courses offered in the Division of Music are divided into five areas: Theory; History, Literature, and Appreciation; Applied; Music Education; Ensemble. Enrollment is open to all University students—those preparing for a professional goal in music and those seeking a musical literacy for its cultural worth alone.

Students registering for Applied Music courses (voice or instrumental lessons) are required to pay an additional fee. Lesson and practice room schedules will be arranged through the office of Director of Music.

All credit in Applied Music is determined by examination. A minimum of 3 hours weekly practice is required in courses numbering under 100. A minimum of 6 hours weekly practice is required in courses numbering in the 100 and 200 series. A minimum of 9 hours weekly practice is required in courses numbering in the 300 and 400 series. All Applied Music courses are offered 1, 2, 3.

Students registering for Applied Music for the first time in the University must register for the lowest number designated for that subject and for 1 semester hour credit. Each new student is given a placement examination during the first three weeks of the semester.

Theory	MSC. 121	MSC. 232	MSC. 343	*Music Education*
	MSC. 122	MSC. 233	MSC. 344	
MSC. 100	MSC. 123	MSC. 234	MSC. 345	
MSC. 101	MSC. 124	MSC. 235	MSC. 346	MSC. 160
MSC. 102	MSC. 125	MSC. 236	MSC. 347	MSC. 161
MSC. 201	MSC. 126	MSC. 237	MSC. 348	MSC. 162
MSC. 202	MSC. 127	MSC. 238	MSC. 349	MSC. 260
MSC. 303	MSC. 128	MSC. 239	MSC. 350	MSC. 261
MSC. 304	MSC. 129	MSC. 240	MSC. 351	MSC. 262
MSC. 305	MSC. 130	MSC. 241	MSC. 352	MSC. 360
MSC. 306	MSC. 131	MSC. 242	MSC. 421	MSC. 361
MSC. 307	MSC. 132	MSC. 243	MSC. 422	MSC. 362
MSC. 308	MSC. 133	MSC. 244	MSC. 423	MSC. 363
MSC. 403	MSC. 134	MSC. 245	MSC. 424	MSC. 364
MSC. 404	MSC. 135	MSC. 246	MSC. 425	MSC. 460
MSC. 405	MSC. 136	MSC. 247	MSC. 426	MSC. 461
	MSC. 137	MSC. 248	MSC. 427	
History, Literature and Appreciation	MSC. 138	MSC. 249	MSC. 428	*Ensemble*
	MSC. 139	MSC. 250	MSC. 429	
	MSC. 140	MSC. 251	MSC. 430	MSC. 170
	MSC. 141	MSC. 252	MSC. 431	MSC. 171

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

MSC. 211	MSC. 142	MSC. 321	MSC. 432	MSC. 172
MSC. 212	MSC. 143	MSC. 322	MSC. 433	MSC. 173
MSC. 213	MSC. 144	MSC. 323	MSC. 434	MSC. 174
MSC. 214	MSC. 145	MSC. 324	MSC. 435	MSC. 175
MSC. 310	MSC. 146	MSC. 325	MSC. 436	MSC. 176
MSC. 311	MSC. 147	MSC. 326	MSC. 437	MSC. 177
MSC. 312	MSC. 148	MSC. 327	MSC. 438	MSC. 178
MSC. 313	MSC. 149	MSC. 328	MSC. 439	MSC. 179
MSC. 314	MSC. 150	MSC. 329	MSC. 440	
MSC. 315	MSC. 151	MSC. 330	MSC. 441	
MSC. 410	MSC. 152	MSC. 331	MSC. 442	
MSC. 411	MSC. 221	MSC. 332	MSC. 443	
MSC. 412	MSC. 222	MSC. 333	MSC. 444	
MSC. 413	MSC. 223	MSC. 334	MSC. 445	
	MSC. 224	MSC. 335	MSC. 446	
**Applied*	MSC. 225	MSC. 336	MSC. 447	
	MSC. 226	MSC. 337	MSC. 448	
MSC. 21	MSC. 227	MSC. 338	MSC. 449	
MSC. 25	MSC. 228	MSC. 339	MSC. 450	
MSC. 27	MSC. 229	MSC. 340	MSC. 451	
MSC. 35	MSC. 230	MSC. 341	MSC. 452	
MSC. 43	MSC. 231	MSC. 342		
MSC. 51				

MSC. 21.—Piano Class. 1 credit.

MSC. 25.—Voice Class. 1 credit.

MSC. 27.—String Class. 1 credit.

MSC. 35.—Woodwind Class. 1 credit

MSC. 43.—Brass Class. 1 credit.

MSC. 51.—Percussion Class. 1 credit.

MSC. 100.—Fundamentals of Music. 3 hours. 3 credits. Offered 1, 2, 3.

The Components of music.

MSC. 101.—Theory of Music. 2 hours, and 3 hours laboratory. 3 credits. The first half of the course MSC. 101-102. Offered 1.

Rhythms, intervals, motifs, phrases, melodies, chords, and chord progressions through listening, reading, playing, singing, and writing. The chord study includes all primary and secondary triads through the dominant seventh.

MSC. 102.—Theory of Music. 2 hours, and 3 hours laboratory. 3 credits. The second half of the course MSC. 101-102. Offered 2, 3.

MSC. 121.—Piano. 2 credits.

MSC. 122.—Piano. 2 credits.

MSC. 123.—Organ. 2 credits.

MSC. 124.—Organ. 2 credits.

MSC. 125.—Voice. 2 credits.

MSC. 126.—Voice. 2 credits.

MSC. 127.—Violin. 2 credits.

MSC. 128.—Violin. 2 credits.

---

* Students registering for Applied Music may receive training through class instruction.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

MSC. 129.—Viola. 2 credits.

MSC. 130.—Viola. 2 credits.

MSC. 131.—Cello. 2 credits.

MSC. 132.—Cello. 2 credits.

MSC. 133.—String Bass. 2 credits.

MSC. 134.—String Bass. 2 credits.

MSC. 135.—Flute. 2 credits.

MSC. 136.—Flute. 2 credits.

MSC. 137.—Clarinet. 2 credits.

MSC. 138.—Clarinet. 2 credits.

MSC. 139.—Oboe. 2 credits.

MSC. 140.—Oboe. 2 credits.

MSC. 141.—Bassoon. 2 credits.

MSC. 142.—Bassoon. 2 credits.

MSC. 143.—French Horn. 2 credits.

MSC. 144.—French Horn. 2 credits.

MSC. 145.—Cornet. 2 credits.

MSC. 146.—Cornet. 2 credits.

MSC. 147.—Trombone. 2 credits.

MSC. 148.—Trombone. 2 credits.

MSC. 149.—Tuba. 2 credits.

MSC. 150.—Tuba. 2 credits.

MSC. 151.—Percussion. 2 credits.

MSC. 152.—Percussion. 2 credits.

MSC. 160.—Music Skills. 3 hours. 3 credits. Offered 1, 2, 3.

MSC. 160 and 161 are state certification requirements for teaching in the elementary schools.

Fundamentals of music needed by the classroom teacher for teaching music in the elementary school.

MSC. 161.—Music for the Elementary Child. 3 hours. 3 credits. Offered 1, 2, 3.

Principles, problems, and procedures relative to the teaching of music in the elementary grades.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

MSC. 162.—Introduction to Music Education. 2 hours. 2 credits. Offered 1, 2, 3.

An overview of the nature and scope of music education in elementary and secondary schools with special reference to conditions in Florida.

MSC. 170.—University Orchestra. 3 hours. 1 credit. Offered 1, 2, 3.

Standard orchestra literature. (Previously offered under MSC. 101, 102.)

MSC. 171.—Choral Union. 3 hours. 1 credit. Offered 1, 2, 3.

A mixed chorus. Study and performance of large choral works.

MSC. 172.—Men's Glee Club. 3 hours. 1 credit. Offered 1, 2.

Performance of standard male chorus repertoire.

MSC. 173.—Women's Glee Club. 3 hours. 1 credit. Offered 1, 2.

Performance of standard repertoire for women's voices.

MSC. 174.—University Band. 3 hours. 1 credit. Offered 1, 2, 3.

Performance of standard band literature. (Previously offered under BD. 111, 112, 211, 212.)

MSC. 175.—Choral Ensemble. 3 hours. 1 credit. Offered 1, 2.

For advanced voice students interested in singing in male quartets, mixed quartets or women's sextets.

MSC. 176.—Woodwind Ensemble. 3 hours. 1 credit. Offered 1, 2.

For advanced woodwind players interested in playing woodwind ensemble literature.

MSC. 177.—String Ensemble. 3 hours. 1 credit. Offered 1, 2.

For advanced string players interested in playing string trio and string quartet literature.

MSC. 178.—Brass Ensemble. 3 hours. 1 credit. Offered 1, 2.

For advanced brass instrument players interested in the study of brass quartet and brass quintet literature.

MSC. 179.—Piano Ensemble. 3 hours. 1 credit. Offered 1, 2.

For advanced students of piano interested in duo-piano playing or accompanying.

MSC. 201.—Theory of Music. 3 hours, and 3 hours laboratory. 4 credits. The first half of the course MSC. 201-202. Prerequisite: MSC. 102. Offered 1.

A continuation of MSC. 101-102. More difficult rhythms, intervals, phrases, melodies, chords, and chord progressions through listening, reading, playing, singing, and writing. The chord study includes secondary sevenths, altered chords and modulation.

MSC. 202.—Theory of Music. 3 hours, and 3 hours laboratory. 4 credits. The second half of the course MSC. 201-202. Offered 2, 3.

MSC. 211.—Early Romantic Literature. 2 hours. 2 credits. Not offered 1951-52.

Standard music literature written by the leading composers of the period, including: Beethoven, Schubert, Schumann, Mendelssohn, Berlioz.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

MSC. 212.—Later Romantic Literature. 2 hours. 2 credits. Not Offered 1951-52.

Standard music literature written by the leading composers of the period, including: Brahms, Franck, Wagner, Tschaikowsky.

MSC. 213.—Church Music. 2 hours. 2 credits. Offered 1.

Instrumental church music with special emphasis on organ literature suitable for the various religious services.

MSC. 214.—Church Music. 2 hours. 2 credits. Offered 2.

For the choir director or minister of music. Choral literature used in the various religious services.

MSC. 221.—Piano. 2 credits.

MSC. 222.—Piano. 2 credits.

MSC. 223.—Organ. 2 credits.

MSC. 224.—Organ. 2 credits.

MSC. 225.—Voice. 2 credits.

MSC. 226.—Voice. 2 credits.

MSC. 227.—Violin. 2 credits.

MSC. 228.—Violin. 2 credits.

MSC. 229.—Viola. 2 credits.

MSC. 230.—Viola. 2 credits.

MSC. 231.—Cello. 2 credits.

MSC. 232.—Cello. 2 credits.

MSC. 233.—String Bass. 2 credits

MSC. 234.—String Bass. 2 credits.

MSC. 235.—Flute. 2 credits.

MSC. 236.—Flute. 2 credits.

MSC. 237.—Clarinet. 2 credits.

MSC. 238.—Clarinet. 2 credits.

MSC. 239.—Oboe. 2 credits.

MSC. 240.—Oboe. 2 credits.

MSC. 241.—Bassoon. 2 credits.

MSC. 242.—Bassoon. 2 credits.

MSC. 243.—French Horn. 2 credits.

MSC. 244.—French Horn. 2 credits.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

MSC. 245.—Cornet. 2 credits.

MSC. 246.—Cornet. 2 credits.

MSC. 247.—Trombone. 2 credits.

MSC. 248.—Trombone. 2 credits.

MSC. 249.—Tuba. 2 credits.

MSC. 250.—Tuba. 2 credits.

MSC. 251.—Percussion. 2 credits.

MSC. 252.—Percussion. 2 credits.

MSC. 260.—Music Education in the Elementary School. 3 hours. 3 credits. Offered 1, 3.

Fundamental principles and procedures of teaching music in the elementary schools.

MSC. 261.—Instrumental Music in the Public Schools. 3 hours. 3 credits. Not offered 1951-52.

Problems, procedures and materials used in developing the instrumental program in the elementary and intermediate schools.

MSC. 262.—Community Music. 2 hours. 2 credits. Not offered 1951-52.

Techniques, procedures and materials used in building community and recreational music programs with special emphasis given to song leading, program building and administration.

MSC. 303.—Form and Analysis. 2 hours. 2 credits. The first half of the course MSC. 303-304. Prerequisite: MSC. 202. Not offered 1951-52.

Analysis of the form and harmony employed in standard musical compositions.

MSC. 304.—Form and Analysis. 2 hours. 2 credits. The second half of the course MSC. 303-304. Not offered 1951-52.

MSC. 305.—Band Arranging. 2 hours. 2 credits. Prerequisite: MSC. 202 or equivalent. Offered 1.

Arranging for band instruments, including a study of range, transposition and tone color.

MSC. 306.—Orchestration. 2 hours. 2 credits. Prerequisite: MSC. 202 or equivalent. Offered 2.

Range, tone color, use, and adaptability of the instruments of the orchestra. Arranging for ensembles of various combinations up to and including the standard symphony orchestra.

MSC. 307.—Vocal Composition. 2 hours. 2 credits. Prerequisite: MSC. 202 or permission of the instructor. Not offered 1951-52.

Formation of accompaniment figures and principles of modulation. Study of the rhetorical principles of poetry and music. Writing in the simpler song forms.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

MSC. 308.—Instrumental Composition. 2 hours. 2 credits. Prerequisite: MSC. 202 or permission of the instructor. Not offered 1951-52.

Practice in original music writing for solo instruments.

MSC. 310.—Music Appreciation. 1 hour, and 3 hours laboratory. 2 credits. Offered 1, 2, 3.

A study, through group listening and discussion, to expand the student's understanding of music literature.

MSC. 311.—Classic Literature. 2 hours. 2 credits. Not offered 1951-52.

Standard music literature written by the leading composers of the period, including: Bach, Handel, Haydn, Mozart.

MSC. 312.—Pre-Classic Literature. 2 hours. 2 credits. Not offered 1951-52.

Standard music literature written by the leading composers of the period, including: Dufay, Palestrina, Monteverde, Purcell.

MSC. 313.—Orchestra Literature. 2 hours. 2 credits. Offered 1.

A chronological study of standard orchestra literature beginning with Haydn.

MSC. 314.—Opera Literature. 2 hours. 2 credits. Offered 2.

A chronological study of standard opera repertoire with special emphasis on the Italian, French, and German schools.

MSC. 315.—Latin-American Music. 2 hours. 2 credits. Not offered 1951-52.

Representative works of the leading composers of Latin-America. Emphasis is placed on appreciation and understanding rather than on formal analysis.

MSC. 321.—Piano. 3 credits.

MSC. 322.—Piano. 3 credits.

MSC. 323.—Organ. 3 credits.

MSC. 324.—Organ. 3 credits.

MSC. 325.—Voice. 3 credits.

MSC. 326.—Voice. 3 credits.

MSC. 327.—Violin. 3 credits.

MSC. 328.—Violin. 3 credits.

MSC. 329.—Viola. 3 credits.

MSC. 330.—Viola. 3 credits.

MSC. 331.—Cello. 3 credits.

MSC. 332.—Cello. 3 credits.

MSC. 333.—String Bass. 3 credits.

MSC. 334.—String Bass. 3 credits.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

MSC. 335.—Flute. 3 credits.

MSC. 336.—Flute. 3 credits.

MSC. 337.—Clarinet. 3 credits.

MSC. 338.—Clarinet. 3 credits.

MSC. 339.—Oboe. 3 credits.

MSC. 340.—Oboe. 3 credits.

MSC. 341.—Bassoon. 3 credits.

MSC. 342.—Bassoon. 3 credits.

MSC. 343.—French Horn. 3 credits.

MSC. 344.—French Horn. 3 credits.

MSC. 345.—Cornet. 3 credits.

MSC. 346.—Cornet. 3 credits.

MSC. 347.—Trombone. 3 credits.

MSC. 348.—Trombone. 3 credits.

MSC. 349.—Tuba. 3 credits.

MSC. 350.—Tuba. 3 credits.

MSC. 351.—Percussion. 3 credits.

MSC. 352.—Percussion. 3 credits.

MSC. 360.—Music Education in the Secondary School. 3 hours. 3 credits. Offered 2, 3.

Fundamental principles and procedures of teaching music in the junior and senior high schools.

MSC. 361.—Choral Materials Laboratory. 1 hour, and 6 hours of laboratory. 3 credits. Offered 3.

The study and performance of the repertoire used in secondary school choral organizations.

MSC. 362.—Orchestra Materials Laboratory. 1 hour lecture and 6 hours of laboratory. 3 credits. Not offered 1951-52.

The study and performance of the repertoire used in secondary school orchestras.

MSC. 363.—Projects and Problems in Music Education. 2 hours, and 3 hours laboratory. 3 credits. The first half of course MSC. 363-364. May be taken for credit without MSC. 364. Offered 1.

For the advanced student who wishes some help in the problems of teaching music in an individual situation.

MSC. 364.—Projects and Problems in Music Education. 2 hours, and 3 hours laboratory. 3 credits. The second half of course MSC. 363-364. May be taken for credit without MSC. 363. Offered 2, 3.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

MSC. 403.—Counterpoint. 2 hours. 2 credits. Prerequisite: MSC. 202. The first half of the course MSC. 403-404. Not offered 1951-52.

Free and strict counterpoint through listening, reading, playing, singing, and writing.

MSC. 404.—Counterpoint. 2 hours. 2 credits. The second half of the course MSC. 403-404. Not offered 1951-52.

MSC. 405.—Conducting. 3 hours. 3 credits. Prerequisite: Eight credits in one area of applied music or permission of the instructor. Offered 3.

Basic techniques of choral and instrumental conducting.

MSC. 410.—Impressionistic Literature. 2 hours. 2 credits. Offered 3.

Standard music literature written by the leading composers of the period, including: Debussy, Strauss, Sibelius, Respighi, Ravel.

MSC. 411.—Contemporary Literature. 2 hours. 2 credits. Not offered 1951-52.

Standard music literature written by the leading composers of the period, including: Stravinsky, Schoenberg, Khatchaturian, Gershwin.

MSC. 412.—Survey of Music History. 2 hours. 2 credits. The first half of course MSC. 412-413. Offered 1.

A detailed study of the history of music with emphasis on its relationship to the history of man.

MSC. 413.—Survey of Music History. 2 hours. 2 credits. The second half of course MSC. 412-413. Offered 2.

MSC. 421.—Piano. 3 credits.

MSC. 422.—Piano. 3 credits.

MSC. 423.—Organ. 3 credits.

MSC. 424.—Organ. 3 credits.

MSC. 425.—Voice. 3 credits.

MSC. 426.—Voice. 3 credits.

MSC. 427.—Violin. 3 credits.

MSC. 428.—Violin. 3 credits.

MSC. 429.—Viola. 3 credits.

MSC. 430.—Viola. 3 credits.

MSC. 431.—Cello. 3 credits.

MSC. 432.—Cello. 3 credits.

MSC. 433.—String Bass. 3 credits.

MSC. 434.—String Bass. 3 credits.

MSC. 435.—Flute. 3 credits.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

MSC. 436.—Flute. 3 credits.

MSC. 437.—Clarinet. 3 credits.

MSC. 438.—Clarinet. 3 credits.

MSC. 439.—Oboe. 3 credits.

MSC. 440.—Oboe. 3 credits.

MSC. 441.—Bassoon. 3 credits.

MSC. 442.—Bassoon. 3 credits.

MSC. 443.—French Horn. 3 credits.

MSC. 444.—French Horn. 3 credits.

MSC. 445.—Cornet. 3 credits.

MSC. 446.—Cornet. 3 credits.

MSC. 447.—Trombone. 3 credits.

MSC. 448.—Trombone. 3 credits.

MSC. 449.—Tuba. 3 credits.

MSC. 450.—Tuba. 3 credits.

MSC. 451.—Percussion. 3 credits.

MSC. 452.—Percussion. 3 credits.

MSC. 460.—Band Materials Laboratory. 1 hour and 6 hours of laboratory. 3 credits. Offered 3.

The study and performance of the reportoire used in secondary school bands.

MSC. 461.—School Music Administration. 2 hours. 2 credits. Offered 3.

Fundamental principles and problems of organization and administration of city, county and state school music systems.

PAINTING AND DRAWING

Instructional Staff 1950-51

Holbrook, H. H., Head; Anderson, E. A., Martin, F.

PG. 311.—Freehand Drawing. 6 hours of lecture-laboratory. 3 credits. Prerequisite: ART 224. Offered 1, 2, 3.

Studies from the model with the emphasis on the relationship of the structure of the human figure to its movement.

PG. 312.—Freehand Drawing. 6 hours of lecture-laboratory. 3 credits. Prerequisite: PG. 311. Offered 1, 2, 3.

A continuation of PG. 311 with emphasis on the structure of the head and figure.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PG. 351.—Landscape and Figure Painting I. 6 hours of lecture-laboratory. 3 credits. Offered 1, 2, 3.

Pictorial organization in terms of nature. Problems will alternate between studio painting from the model and assigned landscape subjects.

PG. 352.—Landscape and Figure Painting II. 6 hours of lecture-laboratory. 3 credits. Prerequisite: PG. 351. Offered 1, 2, 3.

Advanced work in the pictorial interpretation of nature. The student will explore the various media available to the painter for the purpose of acquiring greater technical ability.

PG. 413.—Freehand Drawing III. 6 hours of lecture-laboratory. 3 credits. Prerequisite: PG. 312. Offered 1, 2, 3.

Further study of the human head and figure with emphasis upon creative interpretation of the gestures, weights, and contours of the figure.

PG. 414.—Graphic Arts. 6 hours of lecture-laboratory. 3 credits. Prerequisites: ART. 226 and PG. 351. Offered 1, 2, 3.

Lithography, drypoint etching, block printing, and serigraphy and all phases of the technical processes.

PG. 453.—Figure and Portrait Painting. 12 hours of lecture-laboratory. 6 credits. Prerequisite: PG. 352. Offered 1, 2, 3.

Development of the ability of the student in the direction of sensitive and professional figure and portrait painting. Work from the model with stress on pictorial organization.

PG. 454.—Special Problems in Painting. 12 hours of lecture-laboratory. 3 credits. Prerequisite: PG. 453. Offered 1, 2, 3.

The course is planned to permit the student to follow such problems as are worked out between himself and his teacher with the purpose of developing a more personal direction in the student's work.

PHARMACEUTICAL CHEMISTRY

Instructional Staff 1950-51

Foote, P. A., Gramling, L. G., Lauter, W. M.

GRADUATE COURSES

PCY. 511.—Synthetic Medicinal Products. 3 hours. 3 credits. The first half of the course PCY. 511-512. Not offered 1951-52.

Preparation of the more complex synthetic medicinals such as local anesthetic, analgesics, hypnotics, antihistaminics, antimalarials, sulfonamides, organometalic compounds. The relationship between chemical constitution and physiological action.

PCY. 512.—Synthetic Medicinal Products. 3 hours. 3 credits. The second half of the course PCY. 511-512. Not offered 1951-52.

PCY. 513.—Synthetic Medicinal Products. 6 hours laboratory. 2 credits. Accompanying laboratory course for PCY. 511. Not offered 1951-52.

Synthesis of organic medicinal compounds.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PCY. 514.—Synthetic Medicinal Products. 6 hours laboratory. 2 credits. Accompanying laboratory course for PCY. 512. Not offered 1951-52.

Synthesis of organic medicinal compounds.

PCY. 521.—Natural Medicinal Products. 3 hours. 3 credits. The first half of the course PCY. 521-522. Not offered 1951-52.

Chemistry of compounds derived from plants and animals.

PCY. 522.—Natural Medicinal Products. 3 hours. 3 credits. The second half of the course PCY. 521-522. Not offered 1951-52.

PCY. 523.—Natural Medicinal Products. 6 hours laboratory. 2 credits. Accompanying laboratory course for PCY. 521. Not offered 1951-52.

Isolation and identification of plant and animal products.

PCY. 524.—Natural Medicinal Products. 6 hours laboratory. 2 credits. Accompanying laboratory course for PCY. 522. Not offered 1951-52.

Isolation and identification of plant and animal products.

PCY. 531.—Analytical and Control Methods. 2 hours, and 9 hours laboratory. 5 credits. The first half of the course PCY. 531-532. Offered 1.

Analytical and control methods with emphasis on the more complicated procedures of the U.S.P., N.F., A.O.A.C., and recent literature.

PCY. 532.—Analytical and Control Methods. 2 hours, and 9 hours laboratory. 5 credits. The second half of the course PCY. 531-532. Offered 2.

PHARMACOGNOSY

Instructional Staff 1950-51

Voss, Elbert, Head; Johnson, C. H.

PGY. 221.—Practical Pharmacognosy. 6 hours laboratory. 3 credits. The first half of the course PGY. 221-222. Offered 1, 2.

Sources of crude drugs and systematic classification of the vegetable and animal drugs of the United States Pharmacopoeia and National Formulary. Youngken, *Textbook of Pharmacognosy; United States Pharmacopoeia and National Formulary.*

PGY. 222.—Practical Pharmacognosy. 6 hours laboratory. 3 credits. The second half of the course PGY. 221-222. Offered 2.

PGY. 242.—Drug Plant Histology. 4 hours laboratory. 2 credits. Not offered 1951-52.

Internal structure of medicinal plants. Cellular elements and types of tissues used as diagnostic characters in identification and detection of adulterations.

PGY. 342.—Microscopy of Drugs. 4 hours laboratory. 2 credits. Prerequisite: PGY. 242. Not offered 1951-52.

Microscopic structures and characteristics of types of drugs, methods of identification of powdered drugs and food products, and of detecting adulterations.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

GRADUATE COURSES

PGY. 501.—Advanced Histology and Microscopy of Vegetable Drugs. 2 hours, and 4 hours laboratory and field work. 4 credits. Offered 2.

Advanced study of microscopic structure and identification of drugs. Preparation of permanent mounts. Detection of adulterations.

PGY. 503.—Microanalytical Pharmacognosy. 4 hours laboratory. 2 credits. Offered 1.

A study of plant constituents employing micro methods.

PGY. 504.—Cultivation and Processing of Medicinal Plants. 1 hour, and 3 hours laboratory. 2 credits. Not offered 1951-52.

Commercial sources, culture and preparation of botanical drugs.

PGY. 516.—The Literature of Pharmacognosy. 1 hour. 1 credit. Not offered 1951-52.

Literature and source material of pharmacognosy, assigned readings. A reading knowledge of German is required.

PGY. 521.—Special Problems in Pharmacognosy. 4 hours laboratory or field work. 2 credits. The first half of the course PGY. 521-522. Not offered 1951-52.

Identification, classification and qualitative determination of constituents and properties of drug plants; special experiments in the propagation, cultivation, harvesting and curing of native and exotic plants; field work in the collecting of drug plants native to Florida. Either half of the course may be taken for credit without the other half.

PGY. 522.—Special Problems in Pharmacognosy. 4 hours laboratory or field work. 2 credits. The second half of the course PGY. 521-522. Not offered 1951-52.

PGY. 525.—Drug Plant Analysis. 2 hours, with or without 4 hours laboratory and field work. 2 to 4 credits. The first half of the course PGY. 525-526. Not offered 1951-52.

Chemical constituents and their identification and determination in drug plants.

PGY. 526.—Drug Plant Analysis. 2 hours, with or without 4 hours laboratory and field work. 2 to 4 credits. The second half of the course PGY. 525-526. Not offered 1951-52.

PHARMACOLOGY

Instructional Staff 1950-51

Voss, Elbert, Head; Brown, A. E., Fox, L. E., Freyburger, S. W., Gramling, L. G.

PLY. 363.—Applied Physiology. 3 hours, and 4 hours laboratory. 5 credits. Prerequisite: C-6 or BLY. 101. Offered 1.

Fundamental physiological processes and their interrelationships in the normal human being, including the application of drugs in the alterations of these processes.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PLY. 364.—Pharmacology. 4 hours, and 4 hours laboratory. 6 credits. Prerequisite: PLY. 363 or equivalent. Offered 2.

The mode of action, metabolism, toxicity and therapeutic uses of the official and the more important non-official drugs. Laboratory experiments include the more important pharmacodynamic actions of many official drugs. Thienes, *Fundamentals of Pharmacology.*

PLY. 417.—Clinical Methods. 2 hours, and 3 hours laboratory. 3 credits. Not offered 1951-52.

Methods used in clinical laboratories, with emphasis on hematology, blood chemistry, urine analysis, and fecal studies.

PLY. 451.—Principles of Biologicals. 3 hours. 3 credits. Prerequisite: PLY. 364. Offered 1.

Advanced study of the pharmacology of drugs and pharmacological standardization with special reference to toxins, antitoxins, serums and vaccines.

PLY. 452.—Principles of Biologicals. 3 hours. 3 credits. Offered 2.

Gland products and vitamins with reference to action, standardization and uses.

PLY. 455.—New Remedies. 2 hours, and 2 hours laboratory. 3 credits. The first half of the course PLY. 455-456. Prerequisite: PHY. 353 or PHY. 354. Offered 1, 2.

The most important non-official remedies currently found in modern prescription practice and over-the-counter sales. More than twelve hundred remedies are available for study.

PLY. 456.—New Remedies. 2 hours, and 2 hours laboratory. 3 credits. The second half of the course PLY. 455-456. Offered 2.

GRADUATE COURSES

PLY. 501.—Neurology. 3 hours, and 4 hours laboratory. 5 credits. A required course for pharmacology majors and minors. Offered 1.

Anatomy and physiology of the nervous system.

PLY. 507.—Advanced Pharmacology. 3 hours. 3 credits. Prerequisite or corequisite: PLY. 501. The first half of PLY. 507-508. Offered 1.

Theories of drug action.

PLY. 508.—Advanced Pharmacology. 3 hours. 3 credits. The second half of the course PLY. 507-508. Required for majors and minors. Offered 2.

Theories of drug action.

PLY. 509.—Advanced Pharmacology Laboratory. 3 hours. 1 credit. Offered 1.

Laboratory for PLY. 507.

PLY. 510.—Advanced Pharmacology Laboratory. 3 hours. 1 credit. Offered 2.

Laboratory for PLY. 508.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PLY. 521.—Mammalian Histology. 2 hours, and 4 hours laboratory. 4 credits. Required for majors. Offered 1.

The microscopic study of the tissues and organs of mammals, including the techniques employed in histologic studies.

PLY. 522.—Pathology. 3 hours, and 4 hours laboratory. 5 credits. Prerequisites: 8 hours of physiology and neurology and PLY. 521. Required of Ph.D. majors. Offered 1.

Histologic and physiologic changes coincidental with disease.

PLY. 530.—Special Problems. 2 hours, and 6 hours laboratory. 5 credits. Prerequisites: PLY. 507-508. Offered 1.

Content of course will vary from year to year. For the most part, problems of a toxicological nature will be selected.

PLY. 550.—Advanced Pharmacological Testing. 2 hours, and 6 hours laboratory. 4 credits. Offered 2.

Theories and techniques utilized in pharmacological research and testing.

PHARMACY

Instructional Staff 1950-51

Husa, W. J., Head; Becker, C. H., Duckworth, F. A., Feurt, S. D., Foote, P. A., Gramling, L. G., Webber, M. G.

PHY. 106.—Pharmaceutical Calculations. 2 hours. 2 credits. Offered 2.

Calculations used in pharmaceutical work with emphasis on practical problems. Replaces PHY. 402 for students beginning in September, 1951, or thereafter.

PHY. 211.—Inorganic Pharmacy. 3 hours, and 4 hours laboratory. 5 credits. Prerequisites: CY. 101-102, PHY. 223-224. Offered 1, 2.

Inorganic compounds used in medicine; their Latin titles, origin, and physical, chemical and physiological properties; their preparation and use in compounding remedies.

PHY. 223.—Galenical Pharmacy. 2 hours, and 3 hours laboratory. 3 credits. The first half of the course PHY. 223-224. Prerequisite or corequisite: CY. 101-102. Offered 1, 2.

Galenical preparations such as syrups, spirits, tinctures, extracts and emulsions. The preparation of these materials extemporaneously on a small scale and their manufacture in larger amounts.

PHY. 224.—Galenical Pharmacy. 2 hours, and 3 hours laboratory. 3 credits. The second half of the course PHY. 223-224. Offered 2.

PHY. 353.—Organic and Analytical Pharmacy. 3 hours, and 6 hours laboratory. 5 credits. The first half of the course PHY. 353-354. Prerequisites: CY. 262; PGY. 222; PHY. 223-224. Offered 1, 2.

Chemistry and pharmacy of natural and synthetic drugs, including qualitative drug analysis.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PHY. 354.—Organic and Analytical Pharmacy. 3 hours, and 6 hours laboratory. 5 credits. The second half of the course PHY. 353-354. May be taken before PHY. 353 if the prerequisites are satisfied. Offered 1, 2.

PHY. 361.—Prescriptions and Dispensing. 2 hours, and 6 hours laboratory, 4 credits. The first half of the course PHY. 361-362. Prerequisites: PHY. 211; Prerequisites or corequisites: PHY. 353-354. Offered 1, 2.

Methods of compounding and dispensing various types of prescriptions, methods of detecting and overcoming incompatibilities, accepted methods of checking, pricing and filing prescriptions, professional pharmacy, hospital pharmacy and dental pharmacy. Husa, *Pharmaceutical Dispensing.*

PHY. 362.—Prescriptions and Dispensing. 2 hours, and 6 hours laboratory. 4 credits. The second half of the course PHY. 361-362. Offered 2.

PHY. 372.—Commercial Pharmacy. 4 hours. 4 credits. Prerequisite: PHY 211. Offered 1, 2.

Management of the retail pharmacy; business management, including merchandise information, retail buying, advertising, salesmanship and accounting. Nolen and Maynard, *Drug Store Management.*

PHY. 381.—Pharmaceutical Jurisprudence. 2 hours. 2 credits. Prerequisite: PHY. 211. Offered 1, 2.

National, state and local laws and regulations governing the practice of pharmacy; the pharmacist's liability, both criminal and civil, for his own violation of laws and for violation on the part of his agents.

PHY. 402.—Pharmaceutical Arithmetic. 2 hours. 2 credits. Prerequisite: PHY. 354. Offered 1, 2.

Calculations used in pharmaceutical work with emphasis on practical problems.

PHY. 432.—Advanced Drug Analysis. 1 hour, and 6 hours laboratory. 3 credits. Prerequisites: PHY. 353-354; CY. 203-204. Offered 1, 2.

The more difficult analytical methods of the *United States Pharmacopoeia,* supplemented by other methods.

PHY. 441.—Manufacturing Pharmacy. 4 hours laboratory. 2 credits. Prerequisites: PHY. 211 and PHY. 353 or 354. A limited number of students, with approval of instructor, will be permitted to take this course. Offered 1, 2.

Manufacture of pharmaceutical preparations such as syrups, elixirs, tablets, and emulsions on pilot plant and hospital scale.

GRADUATE COURSES

Prerequisite: Graduation from a standard college of pharmacy with the degree of B.S. in Pharmacy or its equivalent.

PHY. 502.—Selected Topics in Pharmacy. 2 hours. 2 credits. Not offered 1951-52.

Newer types of pharmaceuticals, such as vitamin preparations, newer solvents, etc., with assigned readings on selected problems of current interest.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PHY. 503.—Advanced Pharmacy. 2 hours. 2 credits. Offered 1.

Important pharmaceutical preparations, particularly those involving chemical changes.

PHY. 504.—Advanced Galenical Pharmacy. 2 hours. 2 credits. Offered 2.

Fundamental research work on which formulas for various galenicals are based.

PHY. 543.—Pharmaceutical Equipment and Machinery. 2 hours, and 4 hours laboratory. 4 credits. Offered 1.

Industrial pharmaceutical machinery and equipment such as colloid mills and homogenizers, sifters, pulverizers, centrifuges, tablet and ampul washers, fillers and sealers. The manufacture of pharmaceuticals on a pilot plant scale in the laboratory.

PHY. 544.—Pharmaceutical Plant Problems. 2 hours. 2 credits. Not offered 1951-52.

Cost finding, plant design and operation, flow of materials, packaging, labeling, control, etc.

PHY. 545.—Pharmaceutical Formulations. 2 hours, and 4 hours laboratory. 4 credits. Offered 2.

Source, cost and application of raw materials. Methods of arriving at formulas, procedure and manufacture of large batch formulas on laboratory, pilot plant and industrial scale.

PHILOSOPHY

Instructional Staff 1950-1951

Oliver, J. W., Acting Head; Bartlett, G. R., Conner, F. W., Cooper, B. S., Groth, J. H.

Majors. Students intending to major in philosophy in the College of Arts and Sciences should, at the earliest possible opportunity, consult the head of the department. PPY. 301, 309, 409 and 410 will normally be included in the major program.

Prerequisites. There are few courses below the graduate level for which there are definite prerequisites. PPY. 201, PPY. 301, PPY. 304, PPY. 305, PPY. 306, PPY. 307, PPY. 308, PPY. 309, PPY. 310, PPY. 351, PPY. 409, or PPY. 410 may be taken as initial courses since they represent different fields and disciplines within philosophy. With the exception of PPY. 201, these courses are not, however, intended to be restricted to those who have had no philosophy. Properly qualified undergraduates will be admitted to graduate courses with the consent of the instructor.

PPY. 201.—Introduction to Philosophy. 3 hours. 3 credits. Offered 1, 2.

A consideration of some of the major problems of philosophy—ethics, philosophy of science, theory of knowledge, philosophy of art, philosophy of religion and metaphysics. Selections from the writings of important philosophers, ancient and modern, with emphasis upon the modern, will be read.

PPY. 301.—Ethics. 3 hours. 3 credits. Offered 1, 3.

An inquiry into the basic concepts and principles or moral action through a study of some of the principal systems of ethics such as those of Plato, Aristotle, the Epicureans, the Stoics, Hobbes, Hume, Kant and the Utilitarians.

PPY. 304.—Aesthetics. 3 hours. 3 credits. Not offered in 1951-52.

A systematic investigation of the problems of aesthetic value. Consideration will be given to the work of prominent philosophic aestheticians.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PPY. 305.—Philosophy of Science. 3 hours. 3 credits. Offered 2, 3.

A consideration of the nature of the sciences, the relations among them, the nature of scientific methods and philosophic issues involved in the basic concepts of the sciences.

PPY. 306.—Introduction to Semantics. 3 hours. 3 credits. Offered 1.

The recognition of major positions in the field and the selection and application of a theory of signs to chosen material from the humanities, and the physical, biological, and social sciences.

PPY. 307.—Theory of Knowledge. 3 hours. 3 credits. Offered 1.

An inquiry into the nature of human knowledge, its grounds, and structure, and the criteria of acceptable beliefs. Reading will include selections from important historical and modern philosophers with emphasis on contemporary empiricism.

PPY. 308.—Metaphysics. 3 hours. 3 credits. Offered 2.

A consideration of the principal problems of metaphysics — the nature of reality, the problem of universals, space, time, causality, mechanism and organicism, etc.

PPY. 309.—Deductive Logic. 3 hours. 3 credits. Offered 1.

An introduction to deductive logic. Some discussion of Aristotelian logic, but the emphasis is on the more general and more powerful symbolic techniques developed in the contemporary period.

PPY. 310.—General Logic. 3 hours. 3 credits. Prerequisite: C-41, or the consent of the instructor. Offered 3.

A general course in principles of both inductive and deductive arguments, and related problems in the use of language. More advanced and detailed material than C-41.

PPY. 351.—Recent and Contemporary Social Philosophy. 3 hours. 3 credits. Offered 3.

Analytic inquiry into outstanding social philosophies of the nineteenth and twentieth centuries.

PPY. 401.—Contemporary Ethical Theory. 3 hours. 3 credits. Prerequisite: PPY. 301, or the consent of the instructor. Not offered in 1951-52.

A systematic investigation of problems in contemporary ethics together with an analysis of the writings of such figures as Ross, Moore, Dewey, Perry, and the positivists.

PPY. 405.—Contemporary Aesthetic Theory. 3 hours. 3 credits. Prerequisite: PPY. 304, or the consent of the instructor. Offered 2.

An analysis and development of the issues raised in the writings of contemporary philosophic aestheticians.

PPY. 409.—Ancient and Medieval Philosophy. 3 hours. 3 credits. Offered 1.

History of philosophy from Greece to the Renaissance. Selections from the principal figures of this period will be read.

PPY. 410.—Modern Philosophy. 3 hours. 3 credits. Offered 2, 3.

A continuation of PPY. 409, from the Renaissance to the present. Selections from such writers as Descartes, Spinoza, Locke, Hume, and Kant will be read. The course may be taken by students who have not taken PPY. 409.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PPY. 412.—Advanced Deductive Logic. 3 hours. 3 credits. Prerequisite: PPY. 309, or the consent of the instructor. Offered 2.

A detailed study of a single rigorous deductive system which serves as a foundation for mathematics and provides an analysis of a number of the most general terms occurring in most languages.

PPY. 453.—History of Philosophic Thought in the United States from the Puritans to Josiah Royce. 3 hours. 3 credits. Prerequisite: At least one course in philosophy or the consent of the instructor. Offered 1.

Principal movements in philosophic thought in this country down to the end of the nineteenth century: Puritanism, the Enlightenment, Transcendentalism, the academic tradition, the influence of science and evolution, idealism.

PPY. 454.—Philosophic Thought in America in the Twentieth Century. 3 hours. 3 credits. Prerequisite: At least one course in philosophy or the consent of the instructor. Offered 2.

Some leading philosophers and leading philosophic movements in America in this century. Emphasis will be placed on such figures as William James, John Dewey, and George Santayana.

GRADUATE COURSES

Prerequisites: Candidates for the master's degree must present twelve semester hours of undergraduate credit in philosophy. Students lacking this requirement should make further inquiry of the head of the department.

PPY. 401, 405, 412, 453, 454 are available for credit to graduate students majoring in philosophy; in rare cases the head of the department may approve credit for a 300 course for a graduate major. Courses numbered in the 300's are acceptable for graduate students taking a minor in philosophy.

Properly qualified undergraduates will be admitted to graduate courses with the consent of the instructor.

PPY. 504.—Philosophy of Nature. 3 hours. 3 credits. Prerequisite: At least nine credits in philosophy, or the consent of the instructor. Offered 1.

A seminar. The particular program may vary from year to year.

PPY. 513.—Recent Philosophy. 3 hours. 3 credits. Prerequisite: At least nine credits in philosophy, or the consent of the instructor. Not offered in 1951-52.

A detailed examination of topics which have occupied the attention of philosophers in the recent past.

PPY. 514.—Contemporary Philosophy. 3 hours. 3 credits. Prerequisite: At least nine credits in philosophy, or the consent of the instructor. Not offered in 1951-52.

Current books and articles in philosophical journals will constitute the materials studied.

PPY. 515.—Dewey Seminar. 3 hours. 3 credits. Prerequisite: At least nine credits in philosophy, or the consent of the instructor. Offered 2.

A study of Dewey's philosophy through an examination of selections from his major works and critics.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PPY. 516.—Plato Seminar. 3 hours. 3 credits. Prerequisite: At least nine credits in philosophy, or the consent of the instructor. Offered 1.

A study of Plato's philosophy through an examination of selections from his major works and critics.

PPY. 517—Aristotle Seminar. 3 hours. 3 credits. Prerequisite: At least nine credits in philosophy, or the consent of the instructor. Offered 2.

A study of Aristotle's philosophy through an examination of selections from his major works and critics.

PPY. 518.—Kant Seminar. 3 hours. 3 credits. Prerequisite: At least nine credits in philosophy, or the consent of the instructor. Offered 3.

A study of Kant's philosophy through an examination of selections from his major works and critics.

PPY. 552.—Santayana Seminar. 3 hours. 3 credits. Prerequisite: At least nine credits in Philosophy, or the consent of the instructor. Not offered in 1951-52.

The philosophy of Santayana in terms of his skepticism, his doctrine of essence, his critical realism, his theory of truth, and his conception of the good in ethics, politics, art, and religion.

PPY. 570.—Individual Work. Credit arranged. Prerequisite: Consent of the head of the department.

Provision will be made for students who desire to supplement the regular courses by individual reading or investigation under guidance. Students will be helped to plan a definite program, and will meet a member of the departmental staff in frequent conferences.

PHYSICAL EDUCATION, HEALTH AND ATHLETICS

Instructional Staff 1950-51

Salt, E. B., Head; Beard, P. M., Boswell, J. H., Boyd, C. A., Cherry, H. S., Crawford, W. H., Edmondson, C., Faulds, B. B., Fogleman, H., Fuller, D. D., George, B. M., Halladay, D. W., Harlan, W. H., Hicks, D. A., Horton, S., Langford, S., Loft, B. I., McCachren, J. R., McGriff, J., Maynard, Z. M., Millar, J., Philpott, F., Potter, W., Pye, R. L., Rehling, C., Ryan, J. E., Schnell, H. W., Staton, W. M., Waglow, I. F., Weeks, M. S.

These courses are designed primarily for students planning to teach in the areas of Physical Education, Health Education, or Recreation. Students planning to teach in other areas may register for such courses as are necessary to meet general preparation or elementary school certification requirements. Students not planning to teach may register for any of the courses in this section only upon special permission of the Head of the Department of The Professional Curriculum.

Professional courses in the areas of Physical Education, Athletic Coaching, Health Education and Recreation are designed to prepare students (1) to become instructors of physical education in schools and colleges; (2)to direct and coach athletic teams in the major and minor sports; (3) to assume positions of leadership in organizing and conducting recreation programs for summer camps, county and municipal recreation departments and various youth organizations; (4) to serve as teachers, coordinators and directors of health education in schools, in state, county and municipal health departments, and in voluntary health agencies.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PHA. 131.—Coaching of Football. 2 hours, and 3 hours laboratory. 3 credits. Offered 1, 2, 3.

Theory and practice in the fundamentals of coaching football, including a study of the standards systems of offensive and defensive play.

PHA. 132.—Coaching of Track. 2 hours, and 3 hours laboratory. 3 credits. Offered 1, 2, 3.

Theory and practice in the fundamentals of coaching track and field events, including the management of track meets.

PHA. 141.—Tennis. 3 hours laboratory. 1 credit. Offered 1, 2, 3.

Theory and practice in tennis with respect to teaching methods, strategy, skills, and the application of rules.

PHA. 142.—Gymnastics and Tumbling I. 3 hours laboratory. 1 credit. Offered 1, 2, 3.

Theory and practice in gymnastics, tumbling and calisthenics with respect to teaching methods, skills, and the conduct of gymnastic meets.

PHA. 143.—Combat Sports. 3 hours laboratory. 1 credit. Offered 1.

Theory and practice in boxing and wrestling with respect to teaching methods, skills, the application of rules, and strategy.

PHA. 144.—Swimming and Water Sports. 3 hours laboratory. 1 credit. Offered 1, 2, 3.

Theory and practice in swimming and water sports with respect to teaching methods, skills, and the conduct of swimming meets.

PHA. 151.—Introduction to Physical Education, Health, Athletics and Recreation. 2 hours. 2 credits. Offered 1, 2.

Overview of the fields of physical education, health, athletics and recreation including the historical backgrounds, fundamental concepts, program content, qualifications, training and professional opportunities in these fields.

PHA. 171.—Folk Dancing. 6 hours laboratory. 2 credits. Offered 1, 2, 3.

Theory and practice in folk, American country, and social dance with respect to teaching methods, skills and calling. For the secondary school teacher or recreation leader.

PHA. 231.—Coaching of Basketball. 2 hours, and 3 hours laboratory. 3 credits. Offered 1, 2, 3.

Theory and practice in the fundamentals of coaching basketball, including a study of the standard systems of offensive and defensive play.

PHA. 232.—Coaching of Baseball. 2 hours, and 3 hours laboratory. 3 credits. Offered 1, 2.

Theory and practice in the fundamentals of coaching baseball, including the play of each position, and offensive and defensive strategy.

PHA. 241.—Golf. 3 hours laboratory. 1 credit. Offered 1, 2, 3.

Theory and practice in golf with respect to teaching methods, skill in the use of the various clubs, the application of the rules, etiquette, and the conduct of matches and tournaments.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PHA. 242.—Recreational Sports. 6 hours laboratory. 2 credits. Offered 1, 2, 3.

Theory and practice in handball, badminton, archery, horseshoes, bowling, table tennis, and informal games and sports with respect to teaching methods, skills, the application of rules, and strategy.

PHA. 243.—Gymnastics and Tumbling II. 3 hours laboratory. 1 credit. Prerequisite: PHA. 142. Offered 2, 3.

A continuation of PHA. 142.

PHA. 244.—Life Saving and Water Safety. 3 hours laboratory. 1 credit. Prerequisite: PHA. 144. Offered 2, 3.

Theory and practice with respect to teaching methods and skills in life saving, boating, and survival swimming.

PHA. 245.—Team Games for Men. 6 hours laboratory. 2 credits. Offered 1, 2, 3.

Theory and practice in volleyball, touch football, soft ball, soccer, speedball, and gator-ball with respect to teaching methods, skills, the application of rules, and strategy.

PHA. 247.—Team Sports for Women. 6 hours laboratory. 2 credits. The first half of the course PHA. 247-248. Offered 1.

Theory and practice in soccer, speedball, basketball, track and field, volleyball and softball with respect to skills, strategy and the application of rules.

PHA. 248.—Team Sports for Women. 6 hours laboratory. 2 credits. The second half of the course PHA. 247-248. Offered 2.

PHA. 261.—Personal Hygiene. 3 hours. 3 credits. Offered 1, 2.

Major factors for protecting and improving the health of the individual through the development of desirable knowledges, attitudes, and practices. Contemporary health problems included are: nutrition, mental hygiene, hygenic aspects of family living, and prevention of disease and infection. Consideration is given to healthful school living with its implications for teacher education.

PHA. 262.—Community Hygiene. 3 hours. 3 credits. Offered 2, 3.

Problems of healthful group living, including: sources of infection, housing, food sanitation and control, water supply, industrial and occupational health, maternal and child hygiene, medico-economics, and community organization for protecting, maintaining, and improving the health of the societal group.

PHA. 264.—First Aid. 2 hours, and 1 hour laboratory. 2 credits. Offered 1, 2, 3.

Standards and accepted principles of first aid. Dressings and bandages, wounds, and their care, artificial respiration, poisons, fractures and dislocations, burns, transportation of the injured, and other common emergencies.

PHA. 271.—Modern Dance. 3 hours laboratory. 1 credit. Offered 1.

Theory and practice in modern dance, including techniques of fundamental movements, elements of rhythmic and musical patterns, materials of design and composition, and application of techniques of dance form.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PHA. 315.—Applied Anatomy and Physiology. 3 hours. 3 credits. (Formerly PHA. 485). Prerequisite: C-6. Offered 1, 2, 3.

For students planning to teach in the area of physical education or health education. Basic understandings with respect to the structure and function of the skeletal, muscular, nervous, respiratory, digestive, reproductive, endocrine, excretory and circulatory systems; and their application to the fields of physical education and health education.

PHA. 316.—The Physiology of Exercise. 2 hours. 2 credits. Offered 1, 2, 3.

Application of basic physiological concepts to the program of physical education and athletics. Emphasis will be placed upon physiologic effects and adjustments accruing from participation in physical activity. Major factors in diet, training, physical fitness, fatigue, somatotypes, and all-out performance are considered.

PHA. 321.—The Theory of Play. 2 hours. 2 credits. Offered 2.

An understanding of the significance of and constructive value of play. Emphasis is placed on the historical background and development of the present play or recreation movement, the theoretical explanation of play, the importance and place of play in modern life, and a survey of current developments in the field of recreation.

PHA. 322.—Camp Programs and Counselor Training. 2 hours, and 3 hours laboratory. 3 credits. Offered 1, 2, 3.

The training of counselors for organized camping. The growth and significance of the camping movement, the understanding of camp techniques, counselor qualifications, guidance of the camper. The total camping program including camp craft, nature and woods lore, and informal activities useful for rainy day and special occasion programs. Special attention is given to school camping programs.

PHA. 323.—Camp Administration. 2 hours. 2 credits. Prerequisite: PHA. 322, or permission of the instructor. Offered 1.

Responsibilities and duties involved in the administration of camps. Current camping developments with attention given to school programs, camp site selection and development, equipment and facilities, maintenance, finances, health, safety and protection, sanitation, personnel, program, professional and public relations.

PHA. 324.—Social Recreation. 3 hours, and 1 hour to arrange. 3 credits. Offered 1, 3.

Methods, materials and techniques of conducting social recreation programs. Planning and participating in social activities for groups of varying sizes and for different situations. The activities include progressive parties, quiet, and semi-active group games, stunts and contests, social mixers, outing events including hikes and picnics, and activities for special occasions, such as Thanksgiving, Halloween and Christmas.

PHA. 325.—The Conduct of Playgrounds and Indoor Centers. 3 hours. 3 credits. Offered 1, 2, 3.

For community recreation workers, school personnel and volunteers interested in the operation of playground and indoor center programs. Physical facilities, layout and equipment, personnel, activities, program planning and problems of operation and administration.

PHA. 345.—Methods and Materials in the Teaching of Team Games. 1 hour, and 6 hours laboratory. 3 credits. Prerequisite: PHA. 247-248. Offered 1, 3.

Methods and materials in basketball, soccer, softball, speedball and volleyball with respect to teaching skills and strategy, unit planning and officiating.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PHA. 351.—Intramural Athletics and Officiating. 2 hours, and 1 hour to arrange. 2 credits. Prerequisite: Limited to Upper Division students, or permission of instructor. Offered 1, 2, 3.

Organization and Administration of the Intramural Program at the secondary school and college levels with respect to units of competition, program of sports, organizing participation, scoring plans, awards, rules and regulations. Techniques of officiating and training of officials will be included.

PHA. 355.—Methods and Materials in the Teaching of Individual Sports. 1 hour, and 6 hours laboratory. 3 credits. Prerequisite: PHA. 141, 144, 241. Offered 1.

Methods and materials in tennis, swimming, golf, fencing, track and field with respect to teaching skills and strategy, unit planning and officiating.

PHA. 361.—The Elementary School Health Program. 3 hours. 3 credits. Offered 1, 2, 3.

Principles of developing the health program with procedures for protecting and improving the health of the elementary school child through: home-school-community resources and cooperation; health screening and follow-up; use of school plant and health services; selection and use of health instructional materials, records and reports in providing health experiences at various levels of the elementary school; integration and evaluation of health instruction.

PHA. 362.—The Secondary School Health Program. 3 hours. 3 credits. Offered 1, 2, 3.

Curriculum in health instruction; the relationships of school health with official and voluntary health agencies and other community groups; operation of the school health council; policies in administering health instruction; resource materials; coordination of all school health activities. Consideration will be given to the State recommended course for "Effective Living."

PHA. 363.—Teaching Physical Education in the Secondary School. 3 hours. 3 credits. Prerequisite: Limited to Upper Division students and permission of instructor. Offered 1, 2, 3.

Special methods and materials in the teaching of physical education on the secondary school level as they relate to team games, rhythms, gymnastic activities, individual and dual sports, and co-physical education activities.

PHA. 369.—School Safety Education. 3 hours. 3 credits. Offered 2, 3.

General safety content as applied in elementary and secondary school programs. Methods and materials for teaching safety, and the organization of safety education programs.

PHA. 371.—Methods and Materials in the Teaching of Rhythmical Activities. 1 hour, and 4 hours laboratory. 3 credits. Prerequisite: PHA. 171, 271. Offered 2, 3.

Methods and materials in teaching rhythmic fundamentals, modern, folk, tap, American country, and social dance at the secondary school and college levels.

PHA. 373.—Teaching Physical Education in the Elementary School. 2 hours, and 2 hours laboratory. 3 credits. Offered 1, 2, 3.

The program of physical education activities for the elementary school including small group play, large group play, directed play, rhythmic activities and team games, together with methods and procedures for conducting such a program.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PHA. 374.—Rhythmic Activities in the Elementary School. 1 hour, and 2 hours laboratory. 2 credits. Prerequisite: PHA. 373. Offered 1, 3.

Theory and practice of rhythmic activities, both creative and traditional, for children in kindergarten through grade six.

PHA. 421.—Driver Education and Traffic Safety. 3 hours, and 1 hour laboratory. 3 credits. Prerequisite: Limited to senior and graduate students who hold a valid driver's license. Offered 1, 3.

Prepares teachers to conduct Driver Education and Training courses on the secondary school level. Methods and Materials concerned with the psychophysical limitations of drivers, driving practices, automobile construction, manipulation and maintenance, pedestrian protection, road training, and skill tests.

PHA. 422.—The Community Health Education Program. 3 hours. 3 credits. Offered 1.

Planning, conducting, and evaluating community health education programs. Organization of federal, state, county and city health agencies; voluntary agencies offering health services; community facilities and resources for public health; community health surveys.

PHA. 441.—Administration of Physical Education and Athletics. 3 hours. 3 credits. Prerequisite: PHA. 351, 363 or permission of instructor. Offered 1, 2, 3.

Policies, standards, and procedures as they pertain to the administration of physical education and athletic programs, including finance, legal aspects, office management, publicity, facilities and equipment, athletic associations and conferences, health and safety, awards, athletic contest management.

PHA. 446.—Administration of Community Recreation. 3 hours. 3 credits. Prerequisite: Limited to Upper Division students. Offered 2, 3.

Problems involved in organizing and administering community recreation including school-community programs: legal aspects, organization of a department and its program, budgeting and financing, records and reports, public relations, facilities and equipment, selection and supervision of staff.

PHA. 447.—The Operation of Recreation Programs. 1 hour, and 6 hours laboratory. 3 credits. Prerequisite: PHA. 325, 446, and permission of instructor. The first half of the course PHA. 447-448. Offered 1.

For advanced students in recreation. Practical problems of operating recreation programs. Methods, procedures and on the job program planning. The development of leadership in recreation programs conducted by schools, institutions, and municipal recreation departments.

PHA. 448.—The Operation of Recreation Programs. 1 hour, and 6 hours laboratory. 3 credits. The second half of the course PHA. 447-448. Offered 2, 3.

PHA. 484.—Tests and Measurements in Physical Education. 2 hours. 2 credits. Offered 1.

The development, evaluation, and application of tests in physical education.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PHA. 487.—Adapted and Corrective Physical Education. 3 hours. 3 credits. Offered 1, 2, 3.

Instruction in methods of meeting the physical needs of children with certain physical defects. The problems involved in providing adapted sports programs for those with limited physical capacities. The program of and the techniques for administering special exercises for those recovering from abdominal surgery, amputations, debilitating illnesses, fractures and for those with paralysis, heart disturbances, and posture problems.

PHA. 488.—Conditioning of Athletes and Care of Injuries. 2 hours, and 1 hour laboratory. 2 credits. Prerequisite: PHA. 315. Offered 2, 3.

Conditioning athletes for the various sports; the care of injuries in an athletic program.

PHA. 491.—The Operation of Community Health Education Programs. 1 hour, and 6 hours laboratory. 3 credits. The first half of the course PHA. 491-492. Prerequisite: PHA. 422, and permission of instructor. Offered 1.

For advanced students in health education. Problems in operating community programs of health education. Field experiences in health conducted through both official and voluntary health agencies.

PHA. 492.—The Operation of Community Health Education Programs. 1 hour, and 6 hours laboratory. 3 credits. The second half of the course PHA. 491-492. Offered 2.

GRADUATE COURSES

PHA. 501.—Interpretations of Physical Education. 3 hours. 3 credits. Offered 1, 2, 3.

The broad philosophical bases upon which the modern program of physical education is predicated. Biological, psychological, sociological, and educational implications in interpreting and delineating the function of physical education in contemporary democratic society.

PHA. 505.—Research Methods in Physical Education, Health Education and Recreation. 3 hours. 3 credits. Offered 1, 2, 3.

Elements and techniques of research and their application to problems in the fields of physical education, health education and recreation. The identification of the various research methods, familiarization with outstanding and significant research reports, evaluation of published research. Investigations in the physiology of exercise, kinesiology, anthropometry, body mechanics, strength, endurance, and motor skills.

PHA. 510.—Evaluative Procedures in Physical Education and Health Education. 3 hours. 3 credits. Offered 1.

Basic concepts of measurement and evaluation as applied to the fields of physical education and health education. Status of evaluative procedures; application of elementary statistical methods; problems of administering testing programs in the schools. Analysis of instruments and techniques used in measuring ability, capacity, and progress.

PHA. 515.—Supervision of Physical Education. 3 hours. 3 credits. Offered 2, 3.

For those now employed or planning to become supervisors of state, county or city programs of physical education. Observational techniques, the evaluation and improvement of programs and teaching, standards for judging instruction, types of conferences, principles of curriculum construction, and administrative relationships.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PHA. 520.—Problems in the Administration of Athletics. 3 hours. 3 credits. Offered 2, 3.

Problems of administering the interscholastic athletic program. The place of athletics in education; various methods of organizing the programs; establishment of policies relating to staff, budget, equipment, facilities, program, awards, public relations, membership in conferences, and legal liability. The intramural athletic program.

PHA. 533.—Problems in Physical Education. 3 hours. 3 credits. Offered 1.

Contemporary problems in physical education designed to broaden the student's understanding of principles and current practices as they relate to school programs in this field. Through a comprehensive study of current literature, the student will be given an opportunity to examine the effect of recent educational trends upon physical education.

PHYSICAL FITNESS AND SPORTS

Instructional Staff 1950-51

Schnell, H. W., Head; Boswell, J. H., Bracken, A. J., Dellastatious, J. W., Edmondson, C., Faulds, B. B., Fogleman, W. H., Genovar, F. D., George, B. M., Harlan, W. E., Horton, S. R., Lee, P. A., Loft, B. I., Maynard, Z. M., McCachren, J. R., Millar, J. C., Mooney, E. G., Murray, F. J., Philpott, F. E., Potter, W. M., Pye, R. L., Rehling, C. H., Ryan, J. E., Scott, T. M., Waglow, I. F., Weeks, M. S.

REQUIRED PHYSICAL EDUCATION FOR MEN

The Required Physical Education Program consists of the Basic Program, the Advanced Sports Program, and the Elective Sports Program. The University requires each student to register for this program until he receives his degree or has been in attendance eight semesters.

The Basic Program is designed primarily to raise the level of fitness of the student to that desired by the Department of Required Physical Education. Instruction and participation are offered in Boxing, Gymnastics and Tumbling, Swimming, Track and Field Activities, Rugged Games, and Functional Health Instruction. The program also serves to introduce the student to the activities of the intramural and recreational sports program. Functional Health Instruction is included in this program to assist the student in adjusting to his life at the University of Florida.

The Advanced Sports Program is designed to offer the student an opportunity to learn skills so he can engage with satisfaction and enjoyment in three of the following sports: Golf, Handball, Swimming, Tennis, Gymnastics and Tumbling, Basketball and Volleyball, and Tag Football and Softball. Sports proficiency tests are used to measure the student's accomplishments. Instruction and participation are offered in the skills of the sports. The sport to be participated in is selected at the first meeting of the class.

The Elective Sports Program is designed to give the student an opportunity to select his own time for participation in the sport of his own choosing. While assigned to this program, the student must participate in one additional sport from among those not utilized in meeting the requirements of the Advanced Sports Program. Participants in varsity or freshman sports may substitute that activity for the requirement of the Elective Sports Program.

The passing of a Physical Fitness Test is required at the end of each semester. A student who fails the test is returned to the Basic Program for further assignment.

Attendance at class is required until the student completes the requirements of the Basic Program and the Advanced Sports Program, and in the Elective Program if a student selects an activity which must be passed by participation. If his level of physical fitness falls below the desired standard while he is registered in the Elective Program, he must attend class regularly.

At the time of his graduation the student must have satisfactory participation for each semester.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

Students assigned to the Adapted and Corrective Program by the University Department of Student Health Service because of physical defects or deficiencies shall engage in a program recommended by that department. This program is administered by the Adapted and Corrective section of the Department of Required Physical Education.

PL. 101.—First Semester Physical Fitness and Sports for Men. 4 hours. Offered each semester. The Basic Program.

PL. 102.—Second Semester Physical Fitness and Sports for Men. 4 hours. Offered each semester.

PL. 103.—Third Semester Physical Fitness and Sports for Men. 4 hours. Offered each semester.

PL. 104.—Fourth Semester Physical Fitness and Sports for Men. 4 hours. Offered each semester.

PL. 105.—Fifth Semester Physical Fitness and Sports for Men. 4 hours. Offered each semester.

PL. 106.—Sixth Semester Physical Fitness and Sports for Men. 4 hours. Offered each semester.

PL. 107.—Seventh Semester Physical Fitness and Sports for Men. 4 hours. Offered each semester.

PL. 108.—Eighth Semester Physical Fitness and Sports for Men. 4 hours. Offered each semester.

REQUIRED PHYSICAL EDUCATION FOR WOMEN

The Physical Education Program for Women consists of the Basic Program, the Advanced Program, and the Elective Program. The University requires each student to register for this program until she satisfactorily completes the Basic and Advanced Programs.

The Basic Program introduces some of the activities of the intramurals & recreational program, provides instruction in health problems and body mechanics.

The Advanced Program offers the student an opportunity to develop skills in two individual sports and one rhythmic activity.

The Elective Program provides a place for the student who desires to receive additional instruction in sports or rhythmic activities.

The Adapted and Corrective Program is for students with a B Medical Rating. Students whose rating is a B because of defects that are temporary or remediable shall be transferred to the A program as their conditions improve.

PL. 151.—First Semester Physical Education for Women. 4 hours. Offered each semester. The Basic Program.

PL. 152.—Second Semester Physical Education for Women. 4 hours. Offered each semester.

PL. 153.—Third Semester Physical Education for Women. 4 hours. Offered each semester.

PL. 154.—Fourth Semester Physical Education for Women. 4 hours. Offered each semester.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PHYSICS

Instructional Staff 1950-51

Williamson, R. C., Head; Bless, A. A., Flowers, J. W., Gordon, M. M., Hanson, H. P., Knowles, H. L., Millett, W. E., Pomeroy, D., Purdy, D. R., Sawyer, E. M., Smith, A. G., Swanson, D. C., Teller, M. H.

Students planning an undergraduate major in physics are advised to select the following courses: In the freshman year, MS. 105-6 and CY. 105-6; in the sophomore year, PS. 211, 212, 207, 208 and MS. 353, 354; German (2 years); MS. 420, 421; PS. 309, 311, 313, 320, 401, 405, 412.

The group major requirements in physics (as one of three fields) consist of one year of general physics and one additional 3-credit course in physics or meteorology, except that PS. 100 and PS. 226 may not be used as part of the group major.

The Department of Physics offers work leading to the Ph. D. If an undergraduate plans to undertake the Ph. D. program, in addition to a reading knowledge of German he should secure a reading knowledge of either French or Russian.

Undergraduate courses marked (*) may not be used for credit for a departmental major in physics.

***PS. 100.—Recent Advances in Physics.** 3 hours. 3 credits. Prerequisite: C-21. Offered 2.

A cultural, non-mathematical course for the general student who does not major in the physical sciences, but who desires to have an understanding of the science of physics as a part of his cultural training. It is hoped that this course will enable the student to follow intelligently the advances in the sciences as they appear in the press. Contents: Historical development; the electrical age; discovery of the electron; X-rays; radioactivity; quantum physics; relativity; wave mechanics; nuclear physics, transmutation of elements; medical and biological applications of the new discoveries.

***PS. 105.—Sound and Its Applications.** 2 hours. 2 credits. Prerequisite: C-21. Not offered 1951-52.

For the general student, not majoring in the sciences. Various phases of sound, with emphasis on music; sound waves; sources of sound; reception and recording; musical instruments; the voice and hearing; radio transmission and reception; depth sounding; supra-sonics.

***PS. 109.—Problems in Physics.** 2 hours. 1 credit. Corequisite: PS. 201. Offered 1, 2.

To accompany PS. 201. For those students who do not have the necessary proficiency in mathematics.

PS. 201.—General Physics. Offered each semester. 4 hours. 3 credits. The first half of the course PS. 201-202. Prerequisite: C-21 and C-42. Corequisite: PS. 207. May be taken for credit without PS. 202. Offered 1, 2, 3.

General physics for science students.

PS. 202.—General Physics. 4 hours. 3 credits. The second half of the course PS. 201-202. Corequisite: PS. 208. Offered 1, 2, 3.

PS. 205.—General Physics. 4 hours. 3 credits. The first half of the course PS. 205-206. Prerequisite: MS. 105-106. Corequisite: PS. 207, MS. 353. May be taken for credit without PS. 206. Offered 1, 2, 3.

Theory of mechanics, heat, sound, electricity and light. Primarily for engineering students.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PS. 206.—General Physics. 4 hours. 3 credits. The second half of the course PS. 205-206. Corequisite: PS. 208, MS. 354. Offered 1, 2, 3.

PS. 207.—Laboratory for Physics 201, 205, and 211. 3 hours laboratory. 1 credit. The first half of the course PS. 207-208. Corequisite: PS. 201 or 205 or 211. May be taken for credit without PS. 208. Offered 1, 2, 3.

PS. 208.—Laboratory for Physics 202, 206, and 212. 3 hours laboratory. 1 credit. The second half of the course PS. 207-208. Corequisite: PS. 202, 206 or 212. Offered 1, 2, 3.

PS. 211.—General Physics. 5 hours. 4 credits. The first half of the course PS. 211-212. Prerequisite: MS. 105-106. Corequisite: PS. 207 and MS. 353. Offered 1.

For students majoring in physics and others who are qualified and desire to cover more material and problem work than is possible in PS. 201-202 or PS. 205-206.

PS. 212.—General Physics. 5 hours. 4 credits. The second half of the course PS. 211-212. Corequisite: PS. 208 and MS. 354. Offered 2.

***PS. 226.—Agricultural Physics.** 3 hours. 3 credits. Prerequisite: C-21. Open only to University College students preparing for agriculture or to students in the College of Agriculture. Offered 1, 3.

For students in agriculture. The subject matter is confined to the material having direct applications in the field of agriculture. An attempt is made to give the student a working knowledge of the fundamental physical principles which he will encounter in his work in soils, agricultural engineering, plant physiology, or dairying.

PS. 303.—Special Topics. Variable credit. Prerequisite: One year in physics. Offered 1, 2.

PS. 307.—Heat. 3 hours, and 3 hours laboratory. 4 credits. Prerequisite: One year of physics. Corequisite: Calculus. Not offered 1951-52.

An intermediate course with experiments. Temperature and its measurement; combustion; specific heats; expansion, conduction; radiation; change of state; first and second laws of thermodynamics. Choice of experiments is permitted to meet the needs of the individual student.

***PS. 308.—Light.** 3 hours. 3 credits. Prerequisite: One year of general physics. Offered 3.

A descriptive course covering the following topics: lenses, optical instruments; interference; diffraction; dispersion; polarization; emission of spectra and Bohr theory. This course is designed primarily for teachers and other students who desire additional work in physics which is less mathematical than the corresponding courses required of physics majors.

PS. 309.—Light. 3 hours, and 3 hours laboratory. 4 credits. Prerequisite: One year of physics. Corequisite: Calculus. Offered 1.

An intermediate course with experiments. Lenses; optical instruments; interference; diffraction; dispersion; polarization; emission of spectra and Bohr theory. Choice of experiments is permitted to meet the needs of the individual student.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

***PS. 310.—Electricity and Magnetism.** 3 hours. 3 credits. Prerequisite: One year of general physics. Offered 3.

A descriptive course covering the following topics: electrostatics; dielectric theory, magnetostatics, direct current circuits, electrolytic conductivity, thermoelectric effects, electronic emission, electromagnetics and induced e.m.f.'s, magnetic circuits, and moving charges in electric and magnetic fields. This course is designed primarily for teachers and other students who desire additional work in physics which is less mathematical than the corresponding courses required of physics majors.

PS. 311.—Electricity and Magnetism. 3 hours. 3 credits. Prerequisite: one year of college physics and calculus. Corequisite: PS. 313. (except electrical engineers). Offered 2.

Designed to meet the growing need of physics, chemistry and electrical engineering students for a working knowledge of the basic principles of electricity and magnetism. Topics discussed include: electrostatics, dielectric theory, magnetostatics, direct current circuits, electrolytic conductivity, thermoelectric effects, electronic emission, electromagnetics and induced e.m.f.'s, magnetic circuits, and moving charges in electric and magnetic fields.

PS. 313.—Electrical Measurements. 3 hours. 1 credit. Corequisite: PS. 311. Offered 2.

Laboratory practice in the theory and use of electrical instruments. Experiments include high and low resistance measurements, potentiometers, ballistic galvanometer, measurements on the magnetic properties of iron, electrolytic conductivity, and vacuum tube amplifiers and oscillators. The student is allowed some choice of experiments to meet his individual needs.

***PS. 314.—Modern Physics.** 3 hours. 3 credits. Prerequisite: One year of general physics. Offered 3.

A descriptive course of interest to students wishing to obtain an understanding of the advances in physics and atomic knowledge made during the last few decades. The discovery of the electron, X-rays, and radioactivity; the Bohr theory; photoelectric effect; X-rays and their applications; the nucleus; the neutron, the positron, the meson; high voltage production, nuclear reaction, and atomic energy. This course is designed primarily for teachers and other students who desire additional work in physics which is less mathematical than the corresponding courses required of physics majors.

PS. 316.—Spectrochemical Analysis. 2 hours, and 3 hours laboratory. 3 credits. Prerequisite: One year of physics. Not offered 1951-52.

For students of chemistry and physics interested in chemical analysis carried out by spectrographic means. Lenses and spectrographic instruments; emission and absorption spectra and nomenclature; discharge in vacuo, arc and spark; qualitative spectrochemical analysis; quantitative spectrochemical analysis; absorption methods.

PS. 317.—Nuclear Physics. 3 hours. 3 credits. Prerequisites: One year of college physics, and one year of college chemistry. Desirable corequisite: Calculus. Offered 2.

A survey of the field of radioactivity and nuclear physics and their applications for students in chemistry, biology, pre-medicine, engineering and physics. The elementary theory of the nucleus, nuclear disintegrations, natural and artificial radio activity, alpha, beta and gamma rays, neutrons, positrons, deuterons and nuclear fission. The principles of operation of equipment used in nuclear research, such as the Geiger counter, the cyclotron, Wilson cloud chamber and electrostatic generator.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PS. 320.—Modern Physics. 3 hours. 3 credits. Prerequisite: One year college physics and calculus. Offered 1.

Of interest to students wishing to obtain an understanding of the advances in physics and atomic knowledge made during the last few decades. The discovery of the electron, X-rays, and radioactivity; the Bohr theory; photoelectric effect; X-rays and their applications; the nucleus; the neutron, the positron, the meson; high voltage production; nuclear reactions, and atomic energy.

PS. 401.—Electronic Circuits in Physics. 1 hour, and 3 hours laboratory. 2 credits. Prerequisite: PS. 311. Offered 2.

Electron tubes and basic circuits frequently encountered in modern physical instruments and apparatus. Experiments include Geiger counters, counting and scaling circuits for nuclear particles, multivibrators, thyratrons, cathode ray tubes, electron multipliers, differentiating and integrating circuits, feedback and logarithmic amplifiers, and the usual amplifier and rectifier circuits.

PS. 404.—Advanced Research Techniques. 1 hour and 4 hours laboratory. 3 credits. Prerequisite: PS. 309. Offered 1.

Theory and practice of laboratory techniques most frequently required in research problems. Includes manipulation of glass, production and measurement of vacua, application of kinetic theory to vacuum problems, design and construction of apparatus, generation of optical surfaces, application of physical optics to the testing of optical surfaces, scientific photography, materials of research. Prerequisite for graduate research.

PS. 405.—Theoretical Mechanics. 3 hours. 3 credits. The first half of the course PS. 405-406. Prerequisite: Two years of college physics; calculus. Corequisite: MS. 420. Offered 1.

Statics of systems of rigid bodies. Motions of particles and of rigid bodies under constant and variable forces.

PS. 406.—Theoretical Mechanics. 3 hours. 3 credits. The second half of the course PS. 405-406. Offered 2.

PS. 412.—Advanced Electricity. 2 hours, and 4 hours laboratory. 4 credits. Prerequisite: PS. 311 and calculus. Offered 1.

Varying and alternating current circuits, measurements, and instruments; complex algebra; solution of alternating current circuits, coupled circuits.

PS. 424.—Chemical Physics. 3 hours. 3 credits. Prerequisite: PS. 320 and two years of chemistry. Not offered 1951-52.

Molecular dipole moments as determined from dielectric measurements; molecular and nuclear structures as determined from band spectra, Raman spectra, X-ray and electron diffraction, and microwaves.

GRADUATE COURSES

Except where otherwise stated, an undergraduate major in physics is a prerequisite for the following courses.

A reading knowledge of German is usually required of the candidate for the M. S. degree.

In general, a student will be expected to complete the work for the M. S. degree before continuing work for the Ph. D. In addition to German, a reading knowledge of French or Russian will be required of the candidate for the Ph. D.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

Certain undergraduate courses, PS. 404, 405, and 406, may be taken for credit in a graduate major in physics.

PS. 501.—Theoretical Physics. 5 hours. 5 credits. The first half of the course PS. 501-502. Offered 1.

A theoretical treatment of the fundamental phenomena of physics, to prepare the graduate student for advanced detailed courses in the various fields of physics, and to correlate these fields. The treatment will follow that in the text by Georg Joos, *Theoretical Physics.*

PS. 502.—Theoretical Physics. 5 hours. 5 credits. The second half of the course PS. 501-502. Offered 2.

PS. 503.—Kinetic Theory of Gases. 3 hours. 3 credits. Prerequisite: PS. 320. Offered 3.

The elements of the kinetic theory, the application of the theory to gases and liquids, the electrical and magnetic properties of the molecules from the standpoint of the theory.

PS. 504.—Conduction of Electricity through Gases. 3 hours. 3 credits. Prerequisite: advanced electricity. Offered 1.

Theory, problems, and applications of gaseous electrical conduction designed for physics and engineering students. Subject matter includes the topics: kinetic theory of gases, atomic structure, ionization processes, emission phenomena, space charge, gaseous breakdown, spark, glow and arc discharges at low and high pressures.

PS. 507.—Advanced Electronics. 3 hours. 3 credits. Prerequisite: PS. 412. Not offered 1951-52.

Properties of circuits with lumped constants and of circuits with distributed constants. Fundamental properties of electron tubes, narrow and wide band amplifiers, oscillators including the magnetron microwaves, radiating systems, and transducers circuit analysis, Electron and Ion accelerators.

PS. 508.—Thermodynamics. 3 hours. 3 credits. Prerequisite: PS. 320. Offered 2.

The laws of thermodynamics, chemical reactions from the thermodynamical standpoint, electro-chemistry, and the Nernst Heat Theorem.

PS. 510.—Theory of Electromagnetic Waves. 3 hours. 3 credits. Prerequisite: PS. 501-502. Offered 3.

Electromagnetic waves, involving emission, transmission, the classical theory of dispersion, optical activity and polarization, reflection, refraction, interference and diffraction.

PS. 512.—Elements of Quantum Mechanics. 3 hours. 3 credits. Prerequisite: PS. 320, MS. 420-421. Offered 2.

Introduction to the theory of Quantum Mechanics, for students of physics and chemistry.

PS. 513.—Special Topics. Variable credit. Offered 1, 2, 3.

Experiments on a particular topic of physics, a review of classical experiments, or the development of an assigned experimental problem. The work will be assigned to meet the needs and interests of the particular student.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PS. 515.—Physics of the Solid State. 3 hours. 3 credits. Prerequisite: PS. 512. Not offered 1951-52.

Theoretical interpretation of mechanical, magnetic, electrical, and optical properties of solids.

PS. 516.—Advanced Quantum Mechanics. 3 hours. 3 credits. Prerequisite: PS. 512. Offered 1.

Atomic structures, mathematical approximations, advanced collision theory, semi-classical radiation theory, relativistic wave equations, and quantum electrodynamics.

PS. 519.—Laboratory Techniques in Nuclear Physics. 3 hours. 1 credit. Prerequisite: PS. 317. Offered 2.

Laboratory practice in the theory and use of equipment necessary in the field of nuclear physics. Experiments include the Geiger counter and its applications in the detection of Alpha, Beta, Gamma rays, neutrons, and positrons; the study of radioactivity; coincidence counting; scaling circuits; cosmic ray study; Wilson cloud chamber, the Van de Graaff electrostatic generator; and nuclear reaction.

PS. 520.—Theory of Optical Spectra. 3 hours. 3 credits. Prerequisite: PS. 512. Offered 2.

Optical spectra of atoms, with emphasis on the interpretation of these spectra in terms of atomic structure. Introduction to the theory of molecular spectra.

PS. 521.—Molecular Spectra. 3 hours. 3 credits. Prerequisite: PS. 512, 520. Offered 1.

An introduction to the theory of molecular spectra, treating primarily the case of diatomic molecules. Emphasis is placed on the interpretation of spectra in terms of the physical and chemical properties of the molecular system.

PS. 523.—Seminar in Modern Theory. Variable credit. Offered 1, 2, 3.

Some particular phase of the most recent developments in theoretical physics is taken up in detail.

PS. 525.—Experimental Foundations of Nuclear Physics. 3 hours. 3 credits. Prerequisite: PS. 317. Corequisite: PS. 512. Not offered 1951-52.

The study of the nucleus, nuclear reactions, radioactivity, interaction of radiation with matter, radiation detecting devices, accelerative devices, experimental evidence will be employed as a basis for the discussion.

PS. 526.—Theoretical Nuclear Physics. 3 hours. 3 credits. Corequisite: PS. 525. Offered 2.

The application of quantum theory to a study of the nature of nuclear particles including range-energy relations, the deuteron, scattering theory, exchange forces, pair production, and pile theory.

PS. 527.—X-Rays. 3 hours. 3 credits. Prerequisite: PS. 512. Offered 1.

The classical and quantum mechanical theories of the production of x-rays, and their applications in the determination of crystal structure.

PS. 528.—Statistical Mechanics. 3 hours. 3 credits. Prerequisite: PS. 501 and 512. Not offered 1951-52.

An advanced course in statistical mechanics, based upon the introduction given in PS. 501. In general, the treatment will follow that in the text by J. E. and M. G. Mayer.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PS. 529.—Relativity. 3 hours. 3 credits. Prerequisite: MS. 507. Not offered 1951-52.

An introduction to Einstein's theory of special and general relativity employing tensor analysis. The treatment, in general, will follow that in the text by P. G. Bergmann.

PS. 550.—Colloquium. 1 hour. No credit. Offered 1, 2, 3.

Students and staff members will report on their own research, topics of general interest, or on papers in the current literature.

PS. 568.—Biophysics. 3 hours. 3 credits. Prerequisite: PS. 320, one year of Chemistry and one year of Biology. Offered 1.

Physical processes in physiology. The structure of cells, electrical properties of cell aggregates; electrical phenomena in nerve and muscular conduction, the electroencephalograph; physics of circulation system, the electrocardiograph; the eye and ear as physical instruments, the Weber Fechner law; surface phenomena, osmotic pressure, surface tension, surface energy; nutrition and heat production and regulation. Physics in the service of Biology and Medicine. X-rays and their diagnostic and therapeutic properties; radioactivity and its therapeutic properties, significance of tracer studies; electricity and heat as therapeutic agents; the microscope, the electron microscope, the ultracentrifuge in biological and medical research.

PLANT PATHOLOGY

Instructional Staff 1950-51

Tisdale, W. B., Chairman, Division of Botany; Weber, G. F., Owen, J. H.

Prerequisites to any course in Plant Pathology are Botany 101 and 102.

PT. 321.—Plant Pathology. 1 hour, and 4 hours laboratory. 3 credits. Prerequisite to courses in Plant Pathology except PT. 325 and PT. 434. Offered 1.

Plant diseases caused by mechanical injury, environmental factors, parasitic bacteria, fungi and other plants and their economic importance; life cycles and role of parasitic fungi and bacteria; methods of control of plant disease.

PT. 325.—Forest Pathology. 1 hour, and 4 hours laboratory. 3 credits. Offered 2.

For forestry students. Tree diseases caused by mechanical injury, environmental factors, parasitic bacteria, fungi and other plants; life cycles and role of parasitic fungi and bacteria; the economic importance and control of plant disease.

PT. 421.—Fungicides. 2 hours, and 2 hours laboratory. 3 credits. Offered 2.

Fundamental composition, methods of preparation, manner of application and limits of safety as manifested by detrimental effects of fungicidal sprays and dusts.

PT. 422.—Vegetable Diseases. 1 hour, and 4 hours laboratory. 3 credits. Offered 2.

The most destructive diseases of beans, cabbage, celery, cucumbers, eggplant, lettuce, peppers, potatoes, tomatoes, watermelons and other vegetable crops grown in Florida and the recognition of certain vegetable diseases originating elsewhere.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PT. 423.—Fruit Diseases. 1 hour, and 4 hours laboratory. 3 credits. Offered 2.

Diseases of sub-tropical and tropical fruits, such as citrus, avocado, banana, fig, guava, loquat, mango, papaya, persimmon, pineapple and other fruit crops grown or marketed in Florida, including apple brambles, cherry, grape, peach, pear, plum and strawberry.

PT. 424.—Field Crop Diseases. 1 hour, and 4 hours laboratory. 3 credits. Offered 1.

Characteristics, cause and control of the diseases of the principal farm crops such as corn, cotton, grasses, oats, peanuts, rye, sorghum, sugar cane, tobacco, tung, etc.

PT. 425.—Diseases of Ornamental Plants. 1 hour, and 4 hours laboratory. 3 credits. Offered 1.

Diagnosis and control of the prevalent diseases of annuals, bulbs and perennial herbaceous and shrubbery ornamental plants in Florida.

PT. 426.—Market Pathology. 1 hour, and 4 hours laboratory. 3 credits. Offered 1.

Acquaintance with diseases, detection and recognition of deterioration of perishable plants and plant products occurring at origin, in transit and at destination, including storage and retail market.

PT. 434.—Mycology. 1 hour, and 4 hours laboratory. 3 credits. Offered 2.

A study of the fungi that pertain specifically to their basic classification according to recognized standards.

PT. 444.—Advanced Plant Pathology. 1-2 hours, and 4-8 hours laboratory. 3-6 credits. Offered 1, 2.

A study of methods of research in plant pathology, life histories of parasitic organisms in relation to the host plant, environmental factors influencing the development of diseases; all diseases of certain crop plants and specific diseases common to a wide variety of hosts.

GRADUATE COURSES

Prerequisites: (1) Bachelor's degree. (2) PT. 421 or equivalent. (3) Thirty semester hours in biological sciences, 15 of which should be in botany.

PT. 505.—History of Plant Pathology. 1 hour. 1 credit. Offered 1.

A correlation of recorded historical events and the trends and development of plant pathology as an exploration of our current knowledge of plant diseases.

PT. 506.—Plant Pathology Literature. 3 hours laboratory. 1 credit. Offered 2.

The knowledge of existing and available source material, current technical publications dealing with plant diseases and their evaluation as aids in conducting research.

PT. 507.—Plant Disease Collection. 6 hours laboratory. 2 credits. Prerequisite: PT. 434. Offered 1.

The collection, identification, and preservation of plant diseases and fungi, stressing those of economic importance in Florida and those possessing distinctive taxonomic characteristics.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PT. 508.—Plant Disease Collection. 6 hours laboratory. 2 credits. Prerequisite: PT. 434. The second half of PT. 507-508. Offered 2.

PT. 509.—Methods in Plant Pathology. 1 hour and 6 hours laboratory. 2 credits. Offered 2.

Technical equipment and the manner of its operation for the acquisition and evaluation of experimental data.

PT. 511.—Diseases of Subtropical and Tropical Plants. 1 hour and 6 hours laboratory. 3 credits. Offered 1.

Diseases of crop plants growing in tropical America, such as avocado, banana, cacao, citrus, coconut, coffee, guava, mango, pineapple, sugarcane, tobacco, and others at elevations.

PT. 522.—Bacterial Diseases of Plants. 1 hour, and 6 hours laboratory. 3 credits. Offered 1.

The development and present knowledge of plant diseases caused by bacterial pathogenes correlated with the investigation by experimental methods of a selected disease.

PT. 533.—Physiology of the Fungi. 1 hour, and 6 hours laboratory. 3 credits. Offered 2.

Physiological studies of growth characteristics of fungi on various media in regard to their respiration, penetration, reaction, reproduction and response to variable nutrient media, light, temperature, gas concentrations, moisture, and antibiotics.

PT. 534.—Industrial Mycology. 1 hour, and 6 hours laboratory. 3 credits. Additional prerequisite: PT. 434. Offered 1.

The fundamentals of conditions of preservation and deterioration of domestic and commercial products, as pertaining to the identification, pathogenicity, propagation and control of associated fungi.

PT. 535.—Virus Diseases of Plants. 1 hour and 6 hours laboratory. 3 credits. Offered 2.

Symptoms, range, importance, transmission, properties, classification and control of plant viruses as applied to Florida.

PT. 555.—Seminar. Offered each semester. 1 hour. 1 credit. Offered 1, 2.

Presentation and discussion of literature, methods and research pertaining to plant diseases.

PT. 570.—Research in Plant Pathology. 1-2 hours, and 6-12 hours laboratory. 3-6 credits. Offered 1, 2.

Methods of research in plant pathology applied to life histories of parasitic organisms in relation to the host plant and environmental factors influencing the development of diseases.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

POLITICAL SCIENCE

Instructional Staff 1950-51

Dauer, M. J., Head; Bartley, E. R., Behrendt, R. F., Carleton, W. G., Diamant, A., Doty, F. A., Doveli, J. E., Harrison, John A., Hartmann, F. H., Koen, R. Y., Larsen, W. F., Marshall, H. R., Reynolds, J. H., Svarlien, O., Wolff, G. E.

Political Science courses include general offerings in political science and more specialized offerings in public administration; and in international affairs, or foreign service training.

Students registering in Political Science should take note of prerequisites as listed in the course descriptions. PCL. 301, American Federal Government, PCL. 302, State and Local Government, and PCL. 309, International Relations, have no prerequisites. Both PCL. 301 and PCL. 302 are required of Political Science majors.

COURSES FOR UNDERGRADUATES

PCL. 301.—American Federal Government. 3 hours. 3 credits. No prerequisite. Offered 1, 2, 3.

Basic principles of the Federal Constitution. Political parties and the electoral process. The machinery and functions of the federal government.

PCL. 302.—American State and Local Government. 3 hours. 3 credits. No prerequisite. Offered 1, 2, 3.

State constitutions, political parties, and politics. State legislatures, courts, and chief executives. The functions of state governments. City and county government.

PCL. 309.—International Relations. 3 hours. 3 credits. No prerequisites. The first half of the course PCL. 309-310. Offered 1, 2, 3.

The nature of international relations; nationalism, imperialism, militarism, armaments; history of international relations; foreign policies; function and problems of democracy; international organization; the United States.

PCL. 310.—International Relations. 3 hours. 3 credits. Prerequisite: PCL. 309. The second half of the course PCL. 309-310. Offered 1, 2, 3.

PCL. 315.—Government and Administration. 3 hours. 3 credits. No prerequisite. Offered 1, 2.

Basic principles of American government with emphasis on administrative relationships and problems. Principles and techniques of public administration. Especially designed for students of professional colleges contemplating entry in the government service. (Not open to Political Science majors, Arts and Sciences students, or students who have had either PCL. 301-302).

PCL. 317.—Principles of Political Science. 3 hours. 3 credits. Not offered 1951-52.

The fundamental concepts of political science and their application in modern democratic and totalitarian states. Structure of the state: Ideas of sovereignty; civil liberties. Relations of the state and the individual.

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

Courses numbered 350 through 499 in political science are primarily for advanced undergraduates. They may be taken for graduate minor credit with approval of the students graduate supervisory committee. A limited number of such courses may be taken for graduate major credit with approval of the students graduate supervisory committee and the department head. Additional work in these courses is required of such graduate students.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PCL. 351.—Public Administration. 3 hours. 3 credits. Prerequisite: PCL. 301. Offered 1, 2, 3.

Study of the principles of organization and survey of administrative organization and process, fiscal and personnel management, administrative law, and public relations.

PCL. 352.—City Government and Administration. 3 hours. 3 credits. Prerequisite: PCL. 301. Offered 2.

The various forms of city government; the mayor-council, commission, and commission-manager forms. City-state relationships. Problems of city administration.

PCL. 401.—American Constitutional Law. 3 hours. 3 credits. Prerequisite: PCL. 301. The first half of the course PCL. 401-402. Offered 1.

A complete study and analysis of the Federal Constitution, with study and briefing of leading cases in constitutional law.

PCL. 402.—American Constitutional Law. 3 hours. 3 credits. Prerequisites: PCL. 301, PCL. 401. The second half of the course PCL. 401-402. Offered 2.

PCL. 403.—International Law. 3 hours. 3 credits. Prerequisite: PCL. 309-310 or PCL. 301. Offered 1.

Study of the main principles of the Law of Nations.

PCL. 404.—International Law. 3 hours. 3 credits. Prerequisite: PCL. 309-310 or PCL. 301. Offered 2.

Continuation of the study of the main principles of the Law of Nations; case study to illustrate its application; the World Court; the War Crimes trials; decisions in the United States involving questions of International Law.

PCL. 405.—History of Political Theory. 3 hours. 3 credits. Prerequisites: Advanced standing in social sciences or 6 hours of political science. The first half of the course PCL. 405-406. Offered 1, 3.

PCL. 406.—History of Political Theory. 3 hours. 3 credits. Prerequisites: Advanced standing in social sciences or 6 hours of political science. The second half of the course PCL. 405-406. Offered 2, 3.

PCL. 407.—Comparative Government. 3 hours. 3 credits. Prerequisite: Advanced standing in social sciences or 6 hours of political science. The first half of the course PCL. 407-408. Offered 1.

Governments of England and the British Empire and Commonwealth.

PCL. 408.—Comparative Government. 3 hours. 3 credits. Prerequisite: Advanced standing in social sciences or 6 hours of political science. The second half of the course PCL. 407-408. Offered 2, 3.

Governments of France, Germany, Italy and the U.S.S.R.

PCL. 409.—American Foreign Policy. 3 hours. 3 credits. Prerequisite: PCL. 309-310 or HY. 245-246. Offered 1.

The United States in world affairs. Analysis of American foreign policy, past and present, in order to bring out the basic policies and the forces behind those policies.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PCL. 415.—Public Personnel Administration. 3 hours. 3 credits. Prerequisite: PCL. 301 and PCL. 351. Offered 1.

Personnel practices of federal, state, county and city governments. Selection, training, promotion, discipline, management, classification of positions, removal, Merit System.

PCL. 416.—Administrative Law. 3 hours. 3 credits. Prerequisite: PCL. 301. Offered 2.

Administrative process and its role in the American Constitutional System, including the legal nature of regulatory authority, the status and liability of administrative officers, administrative tribunals, and judicial review of administrative actions.

PCL. 417.—Legislation. 3 hours. 3 credits. Prerequisite: PCL. 301. Offered 2.

The legislative process. Bicameralism vs. Unicameralism. Legislative qualifications. Legislative procedure. Lobbies and pressure groups.

PCL. 420.—Political Parties. 3 hours. 3 credits. Prerequisite: Advanced standing in social sciences or 6 hours in political science, including PCL. 301. The first half of the course PCL. 420-421. Offered 1.

The composition of American political parties. The distinction between political parties and pressure groups; what groups compose our major parties and our minor parties; business men, farmers, white-collar employes, wage-earners, and racial and religious groups in politics; an analysis of party and pressure politics in all sections and states of the United States, with particular attention to the South and Florida.

PCL. 421.—Political Parties. 3 hours. 3 credits. The second half of the course PCL. 420-421. Prerequisite: Advanced standing in social sciences or 6 hours in political science, including PCL. 301. Offered 2.

The organization and structure of American political parties. Prerequisites of voting; party committees and party organizations; political bosses and political machines; party conventions and party primaries; the running of political campaigns; campaign finances; the engineering of consent; propaganda and public opinion; political personalities and political availability; ballots and voting machines; and the voters' verdict.

PCL. 422.—Government in the Far East. 3 hours. 3 credits. Prerequisite: Advanced standing in social sciences or 6 hours of political science. Offered 2.

Reform, revolution, and constitutionalism in China. Nationalism and Communism in China. Nationalism and Militarism in Japan. The Far Eastern Soviets. Colonial policy and practice in Asia.

PCL. 425.—International Organization. 3 hours. 3 credits. Prerequisites: PCL. 309-310. Offered 2.

The relation of international organization to international politics and law; diplomacy by conference; political organizations—pre-World War I, the League of Nations, the United Nations; administrative organizations; problems of international organization—voting, peaceful change, disarmament, collective security.

PCL. 440.—International Relations of American Republics. 3 hours. 3 credits. Prerequisite: Advanced standing in social sciences or 6 hours in political science.

Major emphasis on the foreign policies of Latin American States *vis-a vis* one another. Brief consideration of reciprocal relations of Latin American Republics with other powers.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PCL. 441.—The Governments of Latin America. 3 hours. 3 credits. Prerequisite: Advanced standing in social sciences or 6 hours of political science. Offered 1.

The governmental and political practices of the Latin American republics.

PCL. 442.—The Governments of Latin America. 3 hours. 3 credits. Prerequisite: Advanced standing in social sciences or 6 hours of political science. The second half of the course PCL. 441-442. Offered 2.

PCL. 451.—Public Law and Business. 3 hours. 3 credits. Prerequisites: ES. 205-206, and PCL. 301. Offered 2.

Constitutional power and business regulation. Right to do business. Prohibition of business. Protection and development of favored industries. Restraint of trade. Price-fixing. Constitutional power in relation to quality, quantity, and purity of product.

GRADUATE COURSES

Both the Master of Arts and the Doctor of Philosophy degrees are offered by the Department of Political Science. Students desiring to take work leading to these degrees must have completed an undergraduate major in Political Science consisting of not less than 24 semester hours or the equivalent of such a major. A student not having this undergraduate concentration will take foundation work. As a minimum requirement, at least half of the work for the major at the M. A. level must be at the 500 level, including at least one seminar in each field offered; for the Ph.D. degree, the graduate supervisory committee will require a larger proportion of 500 level work including seminars in each field offered.

For the M. A. degree, the student must take a minimum of 12 hours of work concentrated within two of the fields of Political Science. In addition a minor of 6 or more hours must be completed in a separate but related discipline. Before being awarded an M. A. degree the student must have completed a minimum of 24 hours of graduate work (major and minor) and have written an acceptable thesis. A reading knowledge of one foreign language is required. The supervisory committee for those candidates for the M. A. degree whose major interest is in Public Administration, for government employment, and who do not plan on work toward the doctorate, may consider waiving the language requirement.

For the Ph.D. degree, the student will normally pursue a minimum of two years of graduate seminar and course work in preparation for the qualifying written and oral examinations leading to advancement to candidacy. A prerequisite to taking these examinations is the satisfactory completion of the language requirement. Both French and German are ordinarily required languages. When the graduate program of the student includes studies in the Latin American area, Spanish, or another Romance Language, may be substituted for French. Substitution of another language for German may also be considered if Russian, other Slavic, Middle Eastern, or Far Eastern Languages are germane to the program of the student. More than two languages may be required if the committee determines this to be necessary. The qualifying examinations will be in four fields selected by the student with the approval of his supervisory committee from the following: (1) Political Theory, (2) American Government and Politics, (3) Comparative Government, (4) International Relations and Organization, (5) International Law and Organization, (6) Public Law and (7) Public Administration. In addition, at the time of the qualifying examinations, the student will be examined in one minor field. The minor department graduate committee or adviser will determine the scope and nature of the minor requirement. Following advancement to candidacy, the third year of work will be devoted to the preparation of the dissertation.

PCL. 513.—Seminar in Scope and Method. 3 hours. 3 credits. Offered 1.

Research methods in political science. Bibliography. Development of political science.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PCL. 525.—Seminar in Public Administration. 3 hours. 3 credits. The first half of the course PCL. 525-526. Offered 1, 3.

A careful study of the methods of research in Public Administration and their application to such major problems in the field as personnel, fiscal organization and planning.

PCL. 526.—Seminar in Public Administration. 3 hours. 3 credits. The second half of the course PCL. 525-526. Offered 2.

PCL. 527.—Seminar in International Relations and Organization. 3 hours. 3 credits. Offered 1, 3.

An analytical study of the basic forces of international politics; a critique of the theories of imperialism, geopolitics, nationalism and the balance of power; the problems of total war and national power and world opinion; the foreign policies of the great powers.

PCL. 528.—Seminar in International Relations and Organization. 3 hours. 3 credits. The second half of the course PCL. 527-528. Offered 2.

An analytical study of the institution and practice of diplomacy; international diplomatic conferences; the League of Nations and the United Nations; public international unions; basic problems or international organization including voting, sanctions and collective security; world government.

PCL. 531.—Seminar in Latin-American Government and Politics. 3 hours. 3 credits. The first half of the course PCL. 531-532. Offered 1.

Directed study and research in the field of Latin-American government and politics. A knowledge of Spanish or Portuguese is required. French may be substituted with the permission of the professor.

PCL. 532.—Seminar in Latin-American Government and Politics. 3 hours. 3 credits. The second half of the course PCL. 531-532. Offered 2.

PCL. 533.—Seminar in Problems of American Federal Government. 3 hours. 3 credits. Offered 1.

Directed research and analysis of selected problems in American federal government and administration.

PCL. 534.—Seminar in State and Local Government. 3 hours. 3 credits. Offered 2.

Graduate seminar in the bibliography, methodology, and research topics of American state and local government.

PCL. 535.—Seminar in Political Theory. 3 hours. 3 credits. Offered 2.

Some problems of political theory. Idealism vs. pragmatism. Theories as to the scope of government. Authority vs. individualism.

PCL. 536.—Seminar in Political Theory. 3 hours. 3 credits. Continuation of PCL. 535.

Theories of democracy. Theories of political causation. Theories of absolute government.

PCL. 537.—Seminar in Comparative Government. 3 hours. 3 credits. Offered 1.

Directed study and research in the field of comparative European government.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PCL. 538—Seminar in Comparative Government. 3 hours. 3 credits.

Directed study and research in the field of comparative European government.

PCL. 539.—Seminar in Public Law. 3 hours. 3 credits. The first half of the course PCL. 539-540.

Judicial interpretation and enforcement of written constitutions. Separation of powers. The American federal system. Powers of the federal government. Due process and equal protection.

PCL. 540.—Seminar in Public Law. 3 hours. 3 credits. The second half of the course PCL. 539-540.

PCL. 541.—History of American Political Theory. 3 hours. 3 credits.

Study of the background of American theory. Historical treatment from the Mayflower Compact to the contemporary period.

PCL. 542.—Russian Government. 3 hours. 3 credits.

Political heritage of the Revolution. Structural features of the Soviet system. Lawmaking and public administration. The Soviet state and the individual.

PCL. 543.—Seminar in International Law. 3 hours. 3 credits.

Directed study and research in the field of International Law, including the law of International Organization.

PCL. 544.—Seminar in International Law. 3 hours. 3 credits.

Continuation of study and research in International Law and the law of International Organization.

PCL. 545.—Seminar in Political Parties. 3 hours. 3 credits. Offered 2.

An intensive comparative study of group politics in two-party states and one-party states; of loosely organized and tightly organized states; of machine and non-machine states; of primary states and mixed primary-convention states. Some persistent problems of political parties; to what extent autonomous and to what extent a legal agency of the government; democratizing the organization of parties and their methods of nominating; party responsibility in government and in legislative bodies.

PCL. 546.—Latin American Political Theory. 3 hours. 3 credits. Prerequisite: Reading Knowledge of Spanish and PCL. 410.

Writings and theories of the leading Latin American political thinkers from Alberdi, Sarmiento and Marti to contemporary figures.

PORTUGUESE (BRAZILIAN)

Instructional Staff 1950-51

Brunet, J., Head; Ramirez, A.

The offerings in Portuguese are not sufficient to constitute an undergraduate major. Portuguese may be used as part of a group major, provided the foreign language requirement is met in another language. It may be used to satisfy the foreign language requirement. Students may elect for credit as little as three hours of Portuguese.

PE. 33.—First-Year Portuguese (Brazilian). 3 hours. 3 credits. The first half of the course PE. 33-34. Open to students who have had no previous work in Portuguese. Offered 1.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PE. 34.—First-Year Portuguese (Brazilian). 3 hours. 3 credits. The second half of the course PE. 33-34. Offered 2.

PE. 201.—Second-Year Portuguese (Brazilian). 3 hours. 3 credits. The first half of the course PE. 201-202. Prerequisite: PE. 34 or the equivalent. Conducted in Portuguese. Not offered 1951-52.

Reading of prose selections of moderate difficulty; continued practice in conversation.

PE. 202.—Second-Year Portuguese (Brazilian). 3 hours. 3 credits. The second half of the course PE. 201-202. Prerequisite: PE. 201; but in special instances PE. 202 may be taken—with permission of the instructor—even though the student has not had PE. 201. Conducted in Portuguese. Not offered 1951-52.

PE. 303.—Survey of Portuguese and Brazilian Literature. 3 hours. 3 credits. The first half of the course PE. 303-304. Prerequisite: PE. 202 or permission of the instructor. Conducted in Portuguese. Not offered 1951-52.

PE. 304.—Survey of Portuguese and Brazilian Literature. 3 hours. 3 credits. The second half of the course PE. 303-304. Conducted in Portuguese. Not offered 1951-52.

POULTRY HUSBANDRY

Instructional Staff 1950-51

Mehrhof, N. R., Head; Driggers, J. C.

PY. 201.—Fundamentals in Poultry Production. 2 hours, and 2 hours laboratory. 3 credits. Offered 1.

Economic importance of the industry; breeds and varieties; principles of production and exhibition judging; location and construction of buildings; breeding; hatching; brooding; rearing pullets; managing layers; feeding; marketing; diseases. One or more field trips to commercial poultry farms.

PY. 312.—Incubation, Brooding and Rearing. 2 hours, and 2 hours laboratory. 3 credits. Offered 2.

A study of the embryology of the chick, different types of hatchery equipment; incubation principles and practices; brooding equipment; methods of brooding chicks; rearing pullets; and caponizing. Chick sexing and judging. One or more field trips to hatcheries, broiler plants and poultry farms.

A deposit of $5.00 for field trips is required at time of registration. Any amount not actually used will be refunded. An additional amount may be required at the time the trip is made.

PY. 317.—Marketing Poultry Products. 2 hours and 2 hours laboratory. 3 credits. Offered 1.

Preparation of eggs and poultry for market; grading, packing, and storing of eggs and poultry. Study of egg and meat quality, judging eggs. One or more field trips to poultry markets.

A deposit of $7.50 for field trips is required at time of registration. Any amount not actually used will be refunded. An additional amount may be required at the time the trip is made.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PY. 414.—Feeding Poultry. 2 hours. 2 credits. Prerequisite: AL. 312. Offered 2.

Nutritive requirements, ration calculation, feed formulation, economics, and systems of feeding poultry.

PY. 415.—Poultry Management. 2 hours, and 2 hours laboratory. 3 credits. Prerequisite: PY. 201 or 3 hours in any other poultry husbandry course. Offered 1.

Systematic study of poultry farming: types, farm layouts, successful poultry farms, cost and returns in egg production, factors relating to costs and returns in egg production and investment. Pullet production, layout of pullet ranges, costs and returns in rearing pullets, and factors affecting costs. One or more field trips to commercial poultry farms.

PY. 416.—Poultry Management. 2 hours, and 2 hours laboratory. 3 credits. Prerequisite: PY. 201 or 3 hours in any other poultry husbandry course. Offered 2.

Hatchery management: location, plans, investment, cost of producing chicks, factors affecting cost of baby chicks. Broiler production: equipment and designs of broiler plants, management of broilers, costs and returns of broiler production; factors affecting costs and investments. One or more field trips to hatcheries, broiler plants and commercial poultry farms.

PY. 421.—Seminar. 1 hour. 1 credit. The first half of the course PY. 421-422. Offered 1.

Selected readings, reports and discussions of current developments in the field of poultry husbandry.

PY. 422.—Seminar. 1 hour. 1 credit. The second half of the course PY. 421-422. Offered 2.

PY. 427.—Poultry Judging and Breeding. 2 hours and 2 hours laboratory. 3 credits. Offered 1.

Study of classification and points of excellence. Theory and practice of judging birds for egg production and exhibition. Principles of genetics applied to poultry; the laws of heredity governing standard and production characters in poultry. Methods and practices of breeding and analysis of records. One or more trips to poultry shows and poultry breeding farms.

A deposit of $7.50 for field trips is required at time of registration. Any amount not actually used will be refunded. An additional amount may be required at the time trip is made.

PY. 429.—Problems in Poultry Production. 1 to 4 credits. The first half of the course PY. 429-430. Prerequisite: Permission of instructor. Offered 1.

Qualified students may choose a topic or problem for study. Problems that may be selected are housing and equipment, feeding, breeding, marketing, and management. Type and scope of work determine credits allowed.

PY. 430.—Problems in Poultry Production. 1 to 4 credits. The second half of the course PY. 429-430. Offered 2.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

GRADUATE COURSES

PY. 514.—Advanced Poultry Nutrition. 1 to 4 credits. Prerequisite: AL. 312 and PY. 414. Offered 2.

Metabolism of essential nutrients, and role of enzymes and hormones in poultry nutrition.

PY. 517.—Advanced Poultry Marketing. 1 to 4 credits. Prerequisite: PY. 317. Offered 1.

Special topics on preparation, storage and marketing of eggs and poultry meat.

PY. 527.—Advanced Poultry Breeding. 1 to 4 credits. Prerequisite: PY. 427. Offered 1.

Systems of breeding, coefficient of inbreeding, transmission of production characters, breeding records and their analysis.

PY. 531.—Advanced Poultry Management. 3 hours. 3 credits. Offered 1, 2.

PY. 570.—Poultry Research Problems. 1 to 8 credits. Offered 1, 2.

PSYCHOLOGY

Instructional Staff 1950-51

Hinckley, E. D., Head; Anderson, R. J., Dixon, J. C., Dow, A. N., Durrance, J. R., Harlow, J. E., Horne, E. P., Martin, J. A., Newman, F. W., Nichols, J. W., Rethlingshafer, D., Williams, O., Wimberly, S. E., Wunderlich, H.

PSY. 201 is prerequisite for advanced courses in the department. An undergraduate major in psychology in the College of Arts and Sciences consists of a minimum of twenty-four semester hours, including PSY. 201, 301, 302, 309 and 311. PSY. 311 should be taken as early in the student's program as possible. The remainder of the courses presented for the major will depend upon the educational objective of the student. Any exceptions to the above regulations will require the approval of the Head of the Department.

This Department offers graduate training through the M.A. degree in most of the recognized areas in psychology and through the Ph.D. degree in the areas of experimental psychology and clinical psychology.

PSY. 201.—General Psychology. 3 hours. 3 credits. Offered 1, 2, 3.

An elementary treatment of the general topics in the field of psychology. Designed to provide an understanding of human behavior, approached as a natural phenomenon subject to scientific study. The unifying concept of the course is the adaptation of the individual to his physical and social environment.

PSY. 301.—Experimental Psychology. 2 hours, and 3 hours laboratory. 3 credits. Prerequisite: PSY. 201. Offered 1, 3.

Elements of scientific method. Adjustment and its organic basis. Experimental studies of sensation, perception, learning.

PSY. 302.—Experimental Psychology. 2 hours, and 3 hours laboratory. 3 credits. Prerequisite: PSY. 201. Offered 2.

Experimental studies of simple motor phenomena, emotion, motivation, thinking, intelligence, personality.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PSY. 305.—Social Psychology. 3 hours. 3 credits. Prerequisite or Corequisite: PSY. 201. Offered 1.

Influence of the social environment upon the psychological development of the individual. The influence of the individual on social groups.

PSY. 306.—Psychology Applied to Business and Industry. 3 hours. 3 credits. Prerequisite or Corequisite: PSY. 201. Offered 1, 2, 3.

Application of the principles and methods of psychology to appropriate problems in business and industry. Studies in personnel selection, employment, job analysis, effect of conditions and methods of work on productivity. Psychological factors in advertising and selling. [1]

PSY. 308.—Genetic Psychology. 3 hours. 3 credits. Prerequisite: PSY. 201. Offered 2.

A consideration and interpretation of the experimental findings relating to the development of behavior. Phylogenetic as well as human ontogenetic development sequences will be considered.

PSY. 309.—Personality Development. 3 hours. 3 credits. Prerequisite or Corequisite: PSY. 201. Offered 1, 2, 3.

A study of the mechanisms of personality formation, with special emphasis upon the varieties of human adjustment. The more inevitable problems of human life with their normal and abnormal solutions. The origin and modification of behavior. Processes of motivation and adjustment. Development of personality traits. Techniques of mental hygiene.

PSY. 311.—Psychological Measurement. 2 hours, and 3 hours laboratory. 3 credits. Prerequisite or Corequisite: PSY. 201. Offered 1, 2, 3.

Quantitative methods of experimental psychology; collection and treatment of data; correlation; prediction. Nature of measurement, reliability of tests, and the concept of validity and item analysis.

PSY. 312.—Psychology of Exceptional Children. 3 hours. 3 credits. Prerequisite or Corequisite: PSY. 201. Offered 2.

Individual differences, intelligence, feeble-mindedness, dull and backward children, superior and gifted children, speech and motor defects, sensory and neurological disorders, conduct problems, social and emotional maladjustments, and other topics concerning exceptional and mentally peculiar children.

PSY. 318.—Psychology of Music. 3 hours. 3 credits. Prerequisites: PSY. 301, or first year harmony, or consent of the instructor. Not offered 1951-52.

Perception of musical entities. Musical and aesthetic value. Role of music in personality development and adjustment. Musical talent and learning.

PSY. 403.—The Measurement of Intelligence. 2 hours, and 3 hours laboratory. 3 credits. Prerequisite: PSY. 311. May be taken for graduate major credit. Offered 1, 2.

Intensive study of theory, principles and methods of measuring mental abilities. Critical analysis of current mental tests with laboratory practice in administration and interpretation.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PSY. 404.—The Measurement of Personality. 2 hours, and 3 hours laboratory. 3 credits. Prerequisite: PSY. 311. May be taken for graduate major credit. Offered 2.

Intensive study in the methods of measuring personality, including questionnaires, rating scales, objective measurements and projective technique. Laboratory practice in interpretation and construction of tests.

PSY. 408.—Comparative Psychology. 2 hours, and 3 hours laboratory. 3 credits. Prerequisite: Permission of the instructor. May be taken for graduate major credit. Offered 1.

Procedures and results in selected areas of animal experimentation. Laboratory training in experimental techniques.

PSY. 409.—Motivation. 3 hours. 3 credits. Prerequisite: PSY. 309. Offered 2, 3.

A detailed account of the factors underlying human motivation approached from both the physiological and psychological viewpoints.

PSY. 410.—Abnormal Psychology. 3 hours. 3 credits. Prerequisite: PSY. 309. Offered 1, 2, 3.

A study of the principal abnormal phases of behavior, and the ways by means of which the individual develops abnormal habits of thinking and acting. A survey of the signs of beginning maladjustment and procedures which may be followed to correct these tendencies. Special attention is given to the prevention and treatment of mental disease.

PSY. 414.—History of Psychology. 3 hours. 3 credits. Prerequisite: 12 hours of psychology. Offered 1. May be taken for graduate major credit.

A survey of the history of psychology from the time of the Greeks to the present, covering its background in philosophy, the emergence of psychology as a modern, experimental science, and the contributions of movements such as structuralism, functionalism, behaviorism, and gestalt psychology.

PSY. 416.—Physiological Psychology. 2 hours, and 3 hours laboratory. 3 credits. Prerequisite: Permission of the instructor. Offered 2. May be taken for graduate major credit.

The relation of psychological phenomena to the physiology of receptors, neural system, and effectors.

PSY. 417.—Methods in Clinical Psychology. 3 hours. 3 credits. Prerequisite: PSY. 403, 410. Offered 1, 3. May be taken for graduate major credit.

A survey of the basic concepts, methods, and procedures used in evaluating human personality, abilities, and behavior disorders. Case studies will be analyzed. Techniques of guidance and mental hygiene will be considered.

PSY. 425.—Individual Work in Experimental Psychology. 3 credits. Prerequisites: At least fifteen hours of psychology including PSY. 201, 301, 302 and permission of the Head of the Department. Offered 1, 2, 3.

Qualified students and the instructor concerned may choose a particular problem for investigation or study from the various areas of experimental psychology. A formal written report of the work is required of the student.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

GRADUATE COURSES

Prerequisites: Twenty-four semester hours in psychology and related fields, of which at least twelve semester hours must be in psychology.

A significant part of the student's work in graduate courses will involve extensive and directed individual study of source materials such as journal articles and other appropriate writings.

The courses listed below are exclusively for graduate students. Graduate students may also take for graduate major credit any 400 course listed, except PSY. 409, 410 and 425. A student may not earn a graduate degree in psychology by taking only 400 courses.

A qualifying examination will be required of each student working toward a graduate degree with a major in psychology. The student will not be admitted to candidacy for a graduate degree until he has passed this qualifying examination.

Information regarding requirements for the M. A. degree and Ph.D. degree is provided in the material for the Graduate School.

PSY. 501.—Readings in Experimental Psychology. 3 hours. 3 credits. Offered 1, 3.

A consideration of experimental literature in selected areas of psychology.

PSY. 502.—Readings in Experimental Psychology. 3 hours. 3 credits. The second half of the course PSY. 501-502. Offered 2.

PSY. 505.—Advanced Statistical Methods. 2 hours, and 3 hours laboratory. 3 credits. Offered 2.

Application of advanced statistical techniques to psychological data. The techniques of partial, multiple, non-linear, biserial and tetrachoric correlation. The use of regression equations on psychological data. The Chi-square test. Tests of significance. Analysis of variance. Factor analysis.

PSY. 506.—Psychology Applied to the Solution of Personnel Problems in Industry. 3 hours. 3 credits. Offered 2.

Application of psychological principles and procedures in the effective adjustment of industrial personnel. Studies of current personnel selection and placement practices, methods of rating, motivation and factors affecting attitudes and morale of workers in relation to job satisfaction and production.

PSY. 510.—Seminar in Psychopathology. 3 hours. 3 credits. Prerequisite: PSY. 410. Offered 1, 3.

Lectures, readings, and discussions of the various forms of mental disorder, with attention to causes, diagnosis, symptoms and treatment

PSY. 513.—Specific Clinical Patterns. 3 hours. 3 credits. Prerequisites: PSY. 312 and 417. Offered 3.

Origins, differential development, clinical recognition and therapeutic indications for common syndromes of maladjustment in children.

PSY. 515.—Seminar in Experimental Social Psychology. 3 hours. 3 credits. Offered 1.

Critical study of the literature of social psychology. Special topics to meet the interests and needs of the students. Particular emphasis will be given to study of the bases of social action and the use of the experimental method in the study of psychology as applied to social behavior.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PSY. 518.—Gestalt Psychology. 3 hours. 3 credits. Offered 2.

The principles of gestalt psychology applied to perception, behavior, memory, learning, personality and social psychology.

PSY. 519.—Advanced Experimental Psychology. 2 hours, and 3 hours laboratory. 3 credits. Prerequisites: PSY. 301 or 302, 311. Offered 1.

Experimental studies in sensation, perception, psychophysical methods, learning. Laboratory training in techniques of investigation in these fields.

PSY. 520.—Advanced Experimental Psychology. 2 hours, and 3 hours laboratory. 3 credits. Prerequisites: PSY. 301 or 302, 311. Offered 2.

Experimental studies in conditioning, memory, emotions, feelings, attending, and thinking. Laboratory training in techniques of investigation in these fields.

PSY. 521.—Learning. 3 hours. 3 credits. Offered 2.

A presentation and interpretation of the experimental evidence on the influence of various factors on learning and retention.

PSY. 524.—Sensation and Perception. 3 hours. 3 credits. Offered 1.

A presentation and interpretation of the experimental evidence in the field of sensation and perception.

PSY. 525.—Research. 3 credits. Prerequisite: Status as a graduate student with a major in psychology. Offered 1, 2, 3.

Qualified students and the instructor concerned may choose a particular problem for investigation or study from the various areas of experimental psychology. A formal written report of the work will be required of the student.

PSY. 526.—Seminar in Experimental Design. 3 hours. 3 credits. Offered 1.

The nature and use of the experimental method in psychology. Critical evaluation of selected experiments. The role of quantitative methodology in experimental planning. Practice in the experimental design, including the design of apparatus.

PSY. 531.—Practice in Intelligence Testing. 1 hour, 6 hours laboratory. 3 credits. Offered 1, 2, 3.

Extensive practice in the administration, scoring, and interpretation of individual intelligence tests.

PSY. 532.—Mental Test Construction. 2 hours, 3 hours laboratory. 3 credits. Not offered 1951-52.

Theory and practice in the construction of tests of general aptitude, special aptitude and personality traits. Psycho-physical theory and techniques.

PSY. 533.—Projective Techniques. 2 hours, 3 hours laboratory. 3 credits. Offered 2.

Review of the historical development of projective techniques. Consideration of the theoretical basis for the use of projective devises in clinical practice. Intensive study of specific projective tests. New application of projective methods to the problems of clinical psychology and psychiatry.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

PSY. 534.—Seminar in Current Clinical Literature. 3 hours. 3 credits. Offered 2.

Students will be required to do extensive reading on selected topics in the area of clinical psychology.

PSY. 535.—Psychotherapy. 3 hours. 3 credits. Prerequisite: PSY. 417. Offered 1.

Consideration of the basic principles and major systems of psychotherapy. Special attention will be given to the application of psychotherapy to common maladjustments and behavior disorders.

PSY. 536.—Practicum in Clinical Psychology. 6 credits. Prerequisite: Permission of the Head of the Department. Offered 1, 2, 3.

This course is designed to prepare the student specializing in clinical psychology for his internship. He will be assigned cases in the Bureau of Vocational Guidance and Mental Hygiene for practice in interviewing, testing, staff presentations, and counselling under supervision. An attempt will be made to provide a variety of clinical experience.

PSY. 543.—Introduction to the Rorschach Test. 2 hours and 2 hours laboratory. 3 credits. Prerequisite: PSY. 533. Offered 1.

Technique of administration, scoring and fundamentals of interpretation of the Rorschach Test. Students will need test materials and texts. The Beck method will be emphasized.

PSY. 561.—Seminar in the Psychological Problems of Aging. 3 hours. 3 credits. Offered 1.

Examination of the problems of later maturity, with special emphasis upon current research in this area.

PSY. 600.—Internship in Clinical Psychology. 12 credits. Prerequisites: Admission to candidacy for the Ph.D. degree and specialization in clinical psychology. Not offered 1951-52.

The student will be placed in a selected facility on an employment basis where he will work as a clinical assistant under the direct supervision of a certified clinical psychologist. The program is designed to enable the student to meet the 720 hour experience requirement for the clinical specialization.

REAL ESTATE

Instructional Staff 1950-51

Chace, J. E., Head; Case, F. E., Hauser, F. L., Johnston, H. J., Kahn, S. A., Ring, A. A.

Courses numbered 300 and higher are open only to students with junior standing. Note, however, specific prerequisites for certain courses.

RE. 291.—Real Estate Fundamentals. 3 hours. 3 credits. Offered 1, 2, 3.

A survey of the real estate field with emphasis on the essentials that concern the consumer. The aim is to develop a full understanding of the significance of realty as a commodity and to equip the student with the fundamentals essential to successful home ownership. Classroom lectures and problems are further designed to provide a qualifying background for those seeking further training in real estate law, brokerage, management, appraising and real estate finance.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

RE. 295.—Housing and Home Ownership. 3 hours. 3 credits. Offered 1, 2, 3.

Concerned with the consumption of real estate and the economic, legal and technical aspects of housing from the point of view of the home owner. Stress is laid on the evolution and limitations of property rights, the role of government in the field of housing, principles of home ownership, home construction and design, and the vital problem of when and how to buy a home.

RE. 390.—Property Valuation. 3 hours. 3 credits. Offered 1, 2, 3.

Fundamentals and elements of property values. For those interested in property value problems, particularly those concerned with appraisal practice, building costs, depreciation and obsolescence, the mathematics of appraising, and the social, economic and political influences affecting property values. Emphasis is laid on prevailing field techniques of property valuations and real estate appraising.

RE. 391.—Property Management. 3 hours. 3 credits. Offered 1, 2.

Management of real properties as part of the real estate business; principles, management and organization; collections, expenditures and services; physical care of the property; records; agent's relation with tenant.

RE. 392.—Problems in Real Estate Brokerage. 3 hours. 3 credits. Offered 1, 2, 3.

Organization and conduct of the real estate brokerage business; social, economic, legal, and ethical responsibilities of the broker; listing and listing methods; advertising and sales; real-estate brokers' law; commissions; relationship with title insurance companies and attorneys.

RE. 393.—Urban Land Utilization. 3 hours. 3 credits. Offered 1, 2, 3.

Land and population; economics of land utilization; urbanization and urban land; manufacturing as an urbanizing factor; labor as a factor; transportation and commerce in city location and urbanization.

RE. 490.—Real Estate Appraising. 3 hours. 3 credits. Prerequisite: RE. 390. Offered 2, 3.

Designed to train students in the technique and art of real estate appraising. This course is concerned with the application of the principles of property valuation to the various classes of realty; stress is laid on the character of land value, axioms of valuation and application of valuation procedures via the cost, market, and income approach to real estate value. The case method of instruction is used in order to enable students to prepare independent property appraisal reports.

RE. 491.—Principles and Problems of City Planning. 3 hours. 3 credits. Offered 1, 2.

Relation of city planning to real estate values and developments; use of city plans by realtors; building codes; blighted areas; development of the city center and realty operations; relation of realtors to city-planning engineers.

RE. 492.—Real Estate Finance. 3 hours. 3 credits. Prerequisite: RE. 291. Offered 1, 3.

Functions of real estate finances, the loan contract; the mortgage market; elements of mortgage risk; loan policy and administration of loans; analysis of current mortgage market conditions.

RE. 493.—Real Estate Law. 3 hours. 3 credits. Offered 1, 2.

Necessity of learning when to consult a lawyer; fixtures; easements; land descriptions; land titles and interests; deeds; mortgages; foreclosures; landlord and tenant; taxes and assessments; avoidance of "unauthorized practice of law."

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

GRADUATE COURSES

Though no graduate major may be completed without adequate course work on the 500 level, certain undergraduate courses in real estate are available for graduate credit as part of a candidate's major. These are: RE. 490-Real Estate Appraising; RE. 491-Principles and Problems of City Planning; RE. 492-Real Estate Finance; and RE. 493-Real Estate Law.

RE. 590.—Problems in Property Valuation. 3 hours. 3 credits. Offered 1.

This course is concerned with appraising techniques and problems of income producing properties. Detailed study is given to income premises and valuation practices developed by leading valuators in this field. Emphasis is laid on the case method of instruction. Class work is coordinated with field investigation and field reports.

RE. 592.—Urban Growth and Land Use Patterns. 3 hours. 3 credits. Offered 1, 3.

A study of the economic factors which provide the basis of the urban economy and urban growth. Urbanization; locations of cities and industries; the position of the city in our economy; urban land utilization; public control over urban land utilization; urban land tenure and tenancy; the future of cities.

RE. 593.—Research in Real Estate Brokerage. 3 hours. 3 credits. Offered 2.

A critical study of selected methods and practices of real estate brokerage.

RE. 594.—Problems in Property Management. 3 hours. 3 credits. Offered 1.

A critical study of selected methods and practices of real estate management.

RE. 595.—Problems in Real Estate Finance. 3 hours. 3 credits. Offered 2.

Concerned with techniques of mortgage risk analysis, mortgage risk rating trading on the equity and long and short term financing. Detail study is given to real estate finance problems encountered in slum clearance, subdivision and urban re-development.

RELIGION

Instructional Staff 1950-51

Scudder, D. L., Head; Philpott, H. M.

An undergraduate major, group major, or graduate minor should be worked out with the Department of Religion. As a rule, the pre-ministerial student should elect only twelve hours in Religion in order that he may obtain a broad background in the sciences and humanities.

RN. 241.—Religious Foundations of Modern Life. 3 hours. 3 credits. Offered 1.

A survey of the religious ideals of western civilization. The ancient, medieval and modern contributions to current religious thinking and practice.

RN. 242.—Religious Foundations of Modern Life. 3 hours. 3 credits. The second half of the course RN. 241-242, but open to students who have not taken RN. 241. Offered 2.

RN. 243.—Religion in American Life. 2 hours. 2 credits. Offered 1, 2, 3.

A presentation of the historical development of beliefs and practices of religious groups in the United States.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

RN. 341.—The Old Testament in the Light of Today. 3 hours. 3 credits. Offered 1.

An inquiry into the literature and history of the Hebrews as reflected in the Bible.

RN. 342.—The Career and Significance of Jesus. 3 hours. 3 credits. Offered 1, 2.

A study of the life of the historical Jesus based upon the comparative texts of the first three gospels and recent Biblical scholarship. A continuation of RN. 341.

RN. 343.—Christianity in the Greco-Roman World. 3 hours. 3 credits. Offered 2, 3.

A continuation of RN. 342, concerned with the expansion of Christianity in the Roman Empire as disclosed in the literature of the New Testament. Emphasis is placed upon the epistles of Paul, the Book of Acts, and the Johannine writings. Rival philosophies and religions are compared with beliefs of the New Testament authors.

RN. 351.—Comparative Religion. 3 hours. 3 credits. Offered 1, 2, 3.

The religions of India, China, Japan, the Near East and Europe are compared along general lines. An investigation of Hinduism, Buddhism, Taoism, Confucianism, Shintoism, Mohammedanism, Judaism and Christianity.

RN. 352.—Comparative Religion. 3 hours. 3 credits. The second half of the course RN. 351-352. Offered 2.

RN. 362.—The Problems of Religious Philosophy. 3 hours. 3 credits. Offered 1, 3.

An examination of the nature, truth and reasonableness of religious concepts. The problems of man, God, evil, freedom, values and immortality. Attention is given to the relations of common sense, science, philosophy and religion.

RUSSIAN

Instructional Staff, 1950-51

Brunet, J., Head; Capretz, Tatiana, B.

The offerings in Russian are not sufficient to constitute an undergraduate major. Russian may be used as part of a group major, provided the foreign language requirement is met in another language. It may be used to satisfy the foreign language requirement. Students may elect for credit as little as three hours of Russian.

RSN. 33.—First-Year Russian. 3 hours. 3 credits. The first half of the course RSN. 33-34. Open to students who have had no Russian. Offered 1.

RSN. 34.—First-Year Russian. 3 hours. 3 credits. The second half of the course RSN. 33-34. Prerequisite: RSN. 33 or the equivalent. Offered 2.

RSN. 201.—Second-Year Russian. 3 hours. 3 credits. The first half of the course RSN. 201-202. Prerequisite: one year of college Russian or the equivalent. Conducted in Russian. Offered 1.

RSN. 202.—Second-Year Russian. 3 hours. 3 credits. The second half of the course RSN. 201-202. Prerequisite: three semesters of college Russian or the equivalent. Conducted in Russian. Offered 2.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

SCHOOL ART

Instructional Staff 1950-51

Wofford, K. V., Head; Mitchell, J. O.

SCA. 253.—General Art for the Elementary Grades. 3 hours. 3 credits. This course satisfies the requirement for certification in the Elementary School course. Offered 1, 2, 3.

General survey and practice in all types of art work for grades one through six.

SCA. 301.—Creative School Art. 3 hours. 3 credits. Offered 1.

Study and practice in types of creative art work suitable for children of different age levels. Emphasis will be on painting.

SCA. 333.—Planning the Art Curriculum for Grades One Through Six. 3 hours. 3 credits. Offered 3.

A study of all valuable types of school art expression based on an understanding of child development and needs at each age level. Experiences with many types of art media will be provided.

SCA. 334.—School Art Design. 3 hours. 3 credits. Offered 2, 3.

A course designed to help teachers (a) to understand design as manifested in the art work of children, (b) to understand the evolution of design in crafts, in graphic art work, and in structural design, (c) to work out design problems in each of these fields.

SOCIAL SCIENCES

Instructional Staff 1950-51

Hanna, P. L., Chairman; Carleton, W. G., Dauer, M. J., Goggin, J. M., Webb, J. N.

SCS. 491.—Masterpieces in the Social Sciences. 3 hours. 3 credits. The first half of the course SCS. 491-492.

A reading course for advanced undergraduate students majoring in the Social Sciences and others with sufficient background in the Social Sciences. Enrollment limited to students having approval of their advisor in the major field and the course chairman. Selected books of representative authors who have contributed most to the fields of economics, history, sociology, political science, geography and cultural anthropology will be read and evaluated.

SCS. 492.—Masterpieces in the Social Sciences. 3 hours. 3 credits. The second half of the course SCS. 491-492.

SOCIAL STUDIES

Instructional Staff 1950-51

Lewis, H. G., Head; Bamberger, F. E., Black, J. H., Cox, D. W., Hilliard, P.

SCL. 205.—Children and Culture. 3 hours. 3 credits. Offered 1, 2, 3.

Intensive study of relationships between the community and children; caste and class in American life; special aspects of anthropology, geography, and resource—use in education; special functions of school and other social institutions in a community. Includes school visitation, participation in community activities, field trips, and community surveys.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

SCL. 206.—Children and Culture. 3 hours. 3 credits. The second half of the course SCL. 205-206. Offered 1, 2, 3.

SCL. 301.—Children's Social Studies. 3 hours. 3 credits. This course satisfies the state requirement for social studies in the elementary education teacher training courses. Offered 1, 2, 3.

Problems in the social living of children will be studied. Content of the social studies field will be drawn upon. Consideration will be given to examples of outstanding curriculum practices in these fields.

SCL. 302.—Children's Social Studies. 3 hours. 3 credits. A continuation of SCL. 301. Offered 1, 2, 3.

SCL. 303.—Social Studies in the Secondary School. 3 hours. 3 credits. Not offered 1951-52.

(1) The need for integration in the social sciences, (2) the program of social studies in the Florida junior and senior high schools, (3) work with groups of teachers on the particular problems of materials for different grade levels.

SOCIOLOGY

Instructional Staff, 1950-51

Maclachlan, J. M., Head; Atchley, M. H., Burrus, J. N., Ehrmann, W. W., Goggin, J. M., Patrick, J. M., Quackenbush, O. F., Smith, T. L., Vedder, C. B.

All sociology majors are ordinarily required to take SY. 241, *Sociological Foundations,* SY. 441, *Social Theory,* and SY. 447, *Social Research.* Exceptions can be made only by consent of the Departmental adviser. Students interested in the pre-professional curriculum in Social Administration should consult Dr. J. M. Maclachlan, Chairman of the Committee on Social Administration.

SY. 241.—Sociological Foundations of Modern Life. 3 hours. 3 credits. Offered 1, 2, 3.

Culture and its relations to specific social problems. The social institutions of American life today in relation to population changes, ethnic groups, and major problems of social policy. The social consequences of technological change. Techniques of social control in the metropolitan world.

SY. 303.—Problems of American Society. 3 hours. 3 credits. Offered 1, 3. (Formerly SY. 423).

Major problems of individuals, families and communities. Juvenile delinquency, adult maladjustment, pathological migration, dependency and poverty. Social forces, tending to disorganize basic groups. Remedial programs.

SY. 316.—The Field of Social Work. 3 hours. 3 credits. Offered 1, 3.

Administrative and promotional social work. Public social work agencies, with especial attention to the Federal Security Agency and its subdivisions. Casework techniques, the range of duties of social workers in public and private agencies. Field visits to and studies of welfare agencies in Florida.

SY. 317.—Methods in Social Work. 2 hours and 3 hours field work. 3 credits. Offered 2.

Methods in case work and social administration. Supervised work in recognized public and private welfare agencies.

SY. 322.—The Child in American Society. 3 hours. 3 credits. Offered 1.

The social adjustment of children in American society, with emphasis on the normal child. Unadjusted children in family, school, community. Designed to supplement similar courses in Education and Psychology.

SY. 324.—Criminology. 3 hours. 3 credits. Offered 1, 2, 3.

Nature and causes of crime. Punishment, treatment, prevention of criminality. Sociological aspects of criminal law and procedure. Emphasis on current trends in criminality and its treatment.

SY. 332.—Public Health and Sanitation. 3 hours. 3 credits. Not offered 1951-52.

Social aspects of public health from ancient to modern times. The parasites of human populations. Sociological aspects of sanitation and public health administration. Dietary patterns, health and disease as social phenomena.

SY. 344.—Marriage and the Family. 3 hours. 3 credits. Offered 1, 2, 3.

Forms of marriage and the family. Sex developmental differentiations. Sex education. Social relationships between men and women. Preparation for marriage. Legal and social factors affecting marital adjustment.

SY. 348.—Community Organization. 3 hours. 3 credits. Offered 2.

Patterns of social organization in the U. S. today. Techniques for developing formal organization in the modern community. Community rating scales and survey techniques. Problems of community organization in Florida and the Southeast.

SY. 410.—Social Ideals and Utopias. 3 hours. 3 credits. Prerequisite: Advanced standing or consent of adviser. Offered 2.

Lectures and discussions on schemes for ideal societies from More's *Utopia* to the present day. Designed for advanced students in the College of Arts and Sciences.

SY. 421.—Rural Sociology. 3 hours. 3 credits. Prerequisite: SY. 241 or consent of adviser. Offered 1, 3.

American rural life in the changing regions. Trends in rural social resources and problems in the United States, the Southeast, Florida.

SY. 422.—Rural Social Organization. 3 hours. 3 credits. Prerequisite: SY. 241 or consent of adviser. Offered 2.

The structure of rural society. Man-land relationships and rural population. Farm family, neighborhood and community patterns. Differentiation and stratification in rural life. Structure and functioning of rural institutions.

SY. 425.—Juvenile Delinquency. 3 hours. 3 credits. Prerequisite: 241 or consent of adviser. Offered 2, 3.

Social determinants of delinquency. Methods of detention, probation and parole, court administration. Designed for teachers, social workers, and others concerned with the practical problems of delinquency.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

SY. 426.—The City in American Life. 3 hours. 3 credits. Prerequisite: SY. 241 or consent of adviser. Offered 2.

The recent dominance of the city in American life. The social institutions in metropolitan culture. The city as the center of social change. Sociological problems and principles involved in city planning.

SY. 430.—Individual Work. 3 hours. 3 credits. Prerequisite: Advanced standing or consent of adviser.

Designed to permit advanced students to do work in subjects not available to them in currently offered courses.

SY. 441.—Social Theory. 3 hours. 3 credits. Prerequisite: 6 hours in Sociology or consent of adviser. Offered 1.

The development of sociological thought. Sociological elements in ancient and medieval thought and sociological theories in the renaissance and the early modern period.

SY. 442.—Applied Sociology. 3 hours. 3 credits. Prerequisite: Advanced standing or consent of adviser. Offered 2, 3.

The application of sociological methods in a variety of fields. Emphasis upon use of sociological sources and techniques in research programs of students majoring in related fields.

SY. 443.—The American Negro. 3 hours. 3 credits. Prerequisite: Consent of adviser. Offered 2.

Major aspects of racial problems in the United States. The cultural development of the American Negro. Patterns and problems of interracial adjustment today.

SY. 445.—The American Family. 3 hours. 3 credits. Prerequisite: Advanced standing or consent of adviser. Offered 1, 3.

The structure, function and development of the American family from colonial times through the Victorian era. The organization and function of the modern family, with emphasis on trends in the status of men and women and in family morals. Designed for majors in sociology and mature and qualified students.

SY. 447.—Social Research and Investigation. 3 hours. 3 credits. Prerequisite: Advanced standing or consent of adviser. Offered 2.

Current methods of research in sociology. Trends in methodology and research interests here and abroad. Historical development of research methods.

SY. 450.—Population and Public Affairs. 3 hours. 3 credits. Prerequisite: Advanced standing or consent of adviser. Offered 1.

Social effects of population characteristics in the modern world. The problems created by recent rapid population changes in the United States. Methods of studying population trends and situations.

SY. 451.—Modern Systems of Sociology. 3 hours. 3 credits. Prerequisite: SY. 441 or consent of adviser. Offered 2.

Recent European and American developments in sociology. Seminars will deal with Dilthey, Rickert, and others, the "formal sociology", the logico-experimental school, and others.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

SY. 452.—American Culture Today. 3 hours. 3 credits. Prerequisite: Advanced standing or consent of adviser. Offered 2.

Regional patterns in American culture. Cultural factors affecting basic problems of American life. Regional differentials in population, technology, and the social institutions.

SY. 453.—Advanced General Sociology. 3 hours. 3 credits. Prerequisite: SY. 241 or consent of the adviser. In most cases the student should have had at least 12 hours in sociology. Offered 2.

Intensive study of a single system of general sociology, designed to supplement courses in social theory and the comparative study of systems of sociology.

SY. 464.—Peoples, Cultures and Social Institutions of Spanish America. 3 hours. 3 credits. Prerequisite: Advanced standing or consent of adviser. Offered 1.

(Formerly SY. 364). Sociological processes in Spanish America. The racial, ethnic and cultural elements and their fusion. Characteristics and trends of Spanish American population. Land settlement patterns, the structure and functioning of the social institutions.

SY. 465.—Peoples, Cultures, and Social Institutions of Brazil. 3 hours. 3 credits. Prerequisite: Advanced standing or consent of adviser. Offered 2.

(Formerly SY. 365). Modern social trends in Brazil. Cultural, racial and ethnic groups in the development of Brazilian culture. Population trends and pressures, the relations of the people of the land, the structure and functioning of the social institutions.

SY. 490.—The South Today. 3 hours. 3 credits. Prerequisite: Advanced standing or consent of adviser. Offered 1.

Social resources and challenges in the modern Southeast. Variant patterns of southern culture. Population pressures and trends. The major problems of southern social institutions. Programs and plans for the region.

GRADUATE COURSES

Each student registered as a graduate major in sociology will be required to pass a qualifying examination, given by his Supervisory committee usually during the first semester as a sociology major.

Courses numbered 400, and carrying prerequisites, are available both for undergraduates and graduates. No graduate major, however, may be completed without adequate credits at the 500 level.

SY. 511.—Problem of Child Welfare. 3 hours. 3 credits. Offered 1.

Seminar discussions, research papers and extensive readings in professional literature regarding the social adjustment of children.

SY. 515.—Social Legislation. 3 hours. 3 credits. Offered 2.

Detailed study of federal and state legislation affecting social work, social welfare, and related institutions. Research and seminar discussions of the development of social legislation in the western world.

SY. 519.—Advanced Study of Rural Society. 3 hours. 3 credits. Offered 1.

The rural life of modern man. Readings and supervised research with emphasis on rural life in the United States, the Southeast and Florida.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

SY. 520.—Advanced Urban Sociology. 3 hours. 3 credits. Offered 1.

Readings, reports and supervised research in the field of urban sociology. Emphasis upon techniques of analyzing problems and trends in urban life, the social aspects of city planning and administration, the pathologies of city life.

SY. 531.—The Development of Social Thought. 3 hours. 3 credits. Prerequisite: SY. 441 or equivalent. Offered 1.

Advanced study in the field of social theory. Each student will be required to make a detailed study of one major theorist and one school of thought. Seminar reports and research papers will deal with major problems of social theory.

SY. 533.—Social Disorganization. 3 hours. 3 credits. Offered 2.

Cultural aspects of individual and social disorganization. Theoretical and analytical literature regarding cultural pathology. Readings and supervised research in the professional literature.

SY. 539.—North American Minorities. 3 hours. 3 credits. Offered 2.

The general problem of ethnic minorities in North America. Intensive studies of selected ethnic groups. Readings, reports and supervised research in the field.

SY. 540.—Folk Sociology. 3 hours. 3 credits. Not offered 1951-52.

Folk cultures in social theory. Tonnies, LaPlay, Vidal de la Blache and others. Regional folk cultures in the United States. Folk enclaves in Europe and North America. Folk cultures and the esthetic arts.

SY. 545.—Seminar: The Study of Marriage and the Family. 3 hours. 3 credits. Offered 2.

A critical analysis of the classical systematic treatises and of the more significant research studies in the field. Construction and completion of short research projects by the student.

SY. 546.—Seminar in Population. 3 hours. 3 credits. Prerequisite: SY. 450 or consent of the adviser. Offered 1.

Readings, seminar reports and supervised research in population. Emphasis on studies of research techniques and on population trends in the United States.

SY. 549.—Population Analysis. 3 hours. 3 credits. Prerequisite: SY. 546 or consent of adviser. Offered 2.

Supervised completion of readings in techniques of population research. Supervised research projects using primary data, exploring both demographic and larithmic problems. Not open to undergraduates.

SY. 551.—Seminar in American Culture. 3 hours. 3 credits. Offered 2.

The background literature of regional sociology: Hobhouse, LePlay, Mukerjee, Odum, Sorokin, Vance, and others. Readings and seminar reports on selected aspects of contemporary American culture.

SY. 560.—Special Topics. 3 hours. 3 credits. Offered 1, 2, 3.

Special topics in sociology by arrangement with adviser.

SY. 554.—Seminar in Spanish American Cultures. 3 hours. 3 credits. Offered 1, 2, 3.

Intensive study of the peoples and cultures of Spanish American countries.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

SY. 555.—Seminar in Brazilian Culture. 3 hours. 3 credits. Offered 2.

The peoples and institutions of Brazilian life today. Not open to undergraduates.

SY. 556.—Seminar in the Cultures of India. 3 hours. 3 credits.

National and caste cultures of India. Cultural factors and population problems. Religious and ethnic groups and conflicts.

SY. 580.—Seminar in the American South. 3 hours. 3 credits. Offered 2.

Readings, seminar reports and supervised research in the culture and problems of the Southeastern states.

SY. 570.—Social Research. 3 hours. 3 credits. Offered 2.

Advanced studies in the literature of methodology. Emphasis upon non-statistical methods, sociometric methods, and experimental methods.

SY. 582.—Seminar in Criminology. 3 hours. 3 credits. Offered 2.

Readings and seminar reports, with research assignments, in the fields of penology, criminology and sociological jurisprudence. Designed for advanced students interested in criminology and in research in the fields of probation, parole and prison administration.

SOILS

Instructional Staff 1950-51

Smith, F. B., Head; Caldwell, R. E., Carrigan, R. A., Forbes, R. B., Hammond, L. C., McCall, W. W., Rothwell, D. F., Spinks*, D. O., Thornton, G. D.

SLS. 301.—Soils. 2 hours lecture, and 2 hours demonstration laboratory. 3 credits. Prerequisites: ACY. 125-126 or CY. 101-102. Offered 1, 2, 3.

The nature and properties of soils with elementary treatment of genesis, morphology and classification. Soil types and problems in Florida. *The Nature and Properties of Soils,* Lyon and Buckman.

SLS. 302.—Soil Fertility. 2 hours lecture, and 2 hours laboratory. 3 credits. Prerequisite: SLS. 301. Offered 1, 2, 3.

General principles of soil fertility. The physical, chemical and biological factors affecting soil fertility and crop production. Studies on samples of soil from the home farm; commercial fertilizers, manures, green manures and organic matter maintenance, crop rotations and permanent soil fertility. *Soil Science,* Weir.

SLS. 304.—Soil Surveying. 1 hour lecture, and 4 hours laboratory. 3 credits. Prerequisite: SLS. 301. Offered 2.

Methods of the soil survey, soil maps and survey reports. Sampling the soil profile and studying soil type characteristics. Detailed survey and mapping of an assigned area. Comprehensive study of Florida's soils.

SLS. 401.—Soil Morphology. and Classification. 2 hours lecture, and 2 hours laboratory. 3 credits. Prerequisite: SLS. 301. Offered 1.

Soil genesis, morphology and classification of the important soils of Florida and of the United States in relation to their proper management as land surface units. *Factors in Soil Formation,* Jenny.

---

* On Leave

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

SLS. 402.—Advanced Soil Fertility. 2 hours lecture, and 2 hours laboratory. 3 credits. Prerequisite: SLS. 302. Offered 1, 2, 3.

Soil and plant relationships especially from the standpoint of normal growth under field conditions; interrelationships of chemistry, physics and microbiology; mineral and organic balance, the role of trace elements; deficiency symptoms; quality production; placement and cultural relationships. *Soil Conditions and Plant Growth,* Russell.

SLS. 405.—Soil Microbiology. 2 hours lecture, and 2 hours laboratory. 3 credits. Prerequisites or corequisites: SLS. 302 and BCY. 301. Offered 2.

Occurrence and activities of soil microorganisms and their influence on soil fertility. *The Soil and the Microbe,* Waksman and Starkey.

SLS. 406.—Soils and Fertilizers. 2 hours lecture, and 2 hours laboratory. 3 credits. Prerequisites: SLS. 301 and 302. Offered 1, 2, 3.

The use of commercial fertilizers with reference to their effects on soils, methods of application and crop response. The development, growth and manufacture of commercial fertilizers. Laboratory work will consist of mixing and applying fertilizers and visits to fertilizer plants where the student will observe commercial practices in mixing and handling. *Commercial Fertilizers,* Colings.

SLS. 408.—Soil and Water Conservation. Identical with AG. 408. 2 hours lecture, and 2 hours laboratory. 3 credits. Prerequisites: SLS. 301, AG. 301. Prerequisite or corequisite: SLS. 302. Offered 2.

The social and economic aspects of soil deterioration. Principles involved in soil conservation, and methods of control as applied to Florida, will be carefully developed. Given jointly with the Department of Agricultural Engineering. *Soil Erosion and Its Control,* Ayers and *Soil Conservation,* Gustafson.

SLS. 420.—Special Problems in Soils. 2 to 6 hours. 1 to 3 credits. With permission of the Instructor. Offered 1, 2, 3.

Research problems in soils for qualified students in all departments of the College of Agriculture.

GRADUATE COURSES

Prerequisites: A student who expects to pursue graduate work in the Department of Soils should present the bachelor's degree from a recognized College of Agriculture, with a major in Soils, or the equivalent in other sciences. This would ordinarily mean at least twenty hours, or its equivalent, of undergraduate work in the department. The student will be held responsible for such basic undergraduate courses as are deemed necessary for the pursuit of his special project.

SLS. 500.—Advanced Soils. 1 to 6 hours. 1 to 3 credits per semester. Prerequisites: At least one course in Soils and approval of the head of the department. Offered 1, 2, 3.

Conferences, lectures, laboratory and problems in Soil Fertility and Management, Soil Chemistry and Microbiology, Soil Physics and Surveying and General Soils.

SLS. 501.—Advanced Soil Microbiology. 1 hour, and 6 hours laboratory. 3 credits. Offered 2.

Qualitative, quantitative and functional studies of the soil micro-flora under field and laboratory conditions on both mineral and organic soils, including virgin soils, in relation to type, conditions of cultivation and fertility; elemental metabolism of the more important organisms, especially in terms of minor elements; climatic influences.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

SLS. 502.—Soil Chemistry. 3 hours and 3 hours laboratory. 4 credits. Prerequisites: SLS. 402, ACY. 203-204 or CY. 203-204. Desirable, but not required preparatory courses are: PS. 101-102 and CY. 401-402. Offered 1.

The chemical constituents of soils and their reactions, in relation to soil fertility problems; base exchange reactions as they affect soil acidity, lime requirement, and the fate of applied fertilizers; physico-chemical conditions in soils; minor elements; factors affecting leaching losses and fixation; laboratory practice in soil analysis with special emphasis on pH technique.

SLS. 503.—Soil Physics. 2 hours, and 3 hours laboratory. 3 credits. Prerequisites: SLS. 301 and PS. 226. Offered 2.

Physical properties of the soil and their relation to the chemical reactions and biological functions in the soil; water and air movement. Mechanical analysis, moisture relationships and other physical studies are made of Florida soils. Instruction in the use of physical appliances in the field of soils.

SLS. 570.—Research in Soils. 1 to 6 hours. 1 to 6 credits. Offered 1, 2, 3.

SPANISH

Instructional Staff, 1950-51

Brunet, J., Head; Fernandez, P. V., Hamilton, Jno., Hayes, F. C., Ramirez, A., Sabal, A., Topete, J. M., Trujillo, V. (P. K. Yonge Laboratory School), Wershow, I. R.

The undergraduate major requirement of a minimum of 24 semester hours earned in colleges or universities must include SH. 305-306 and SH. 307-308 or the equivalent.

All Spanish majors are urged to include among their electives a minimum of one year of college Latin, if they have not recently had as much as two years of Latin in high school. They are also urged to elect courses in Iberian and Latin-American history.

Students may elect for credit as little as three hours of Spanish.

COURSES FOR UNDERGRADUATES

Courses numbered in the 300's and 400's are acceptable for credit towards a graduate minor as well as for undergraduate credit.

SH. 33.—First-Year Spanish. 3 hours. 3 credits. The first half of the course SH. 33-34. Open to students who have had no previous work in Spanish. Offered 1, 2, 3.

SH. 34.—First-Year Spanish. 3 hours. 3 credits. The second half of the course SH. 33-34. Offered 1, 2, 3.

SH. 35.—First-Year Spanish. 6 hours. 6 credits. The entire first year of Spanish offered in one semester as an intensive course. Open to students who have had no previous work in Spanish. Offered 1, 2.

SH. 100.—Spanish and Latin-American Literature in Translation. 3 hours. 3 credits. No prerequisite, no knowledge of Spanish necessary. May not be counted towards a major in Spanish. Offered 3.

SH. 201.—Second-Year Spanish. 3 hours. 3 credits. The first half of the course SH. 201-202. Prerequisite: SH. 33-34 or the equivalent. Practice in reading, writing and speaking. Conducted in Spanish. Offered 1, 2, 3.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

SH. 202.—Second-Year Spanish. 3 hours. 3 credits. The second half of the course SH. 201-202. Conducted in Spanish. Offered 1, 2, 3.

SH. 205.—Second-Year Spanish. 6 hours. 6 credits. The entire second year of Spanish offered in one semester as an intensive course. Prerequisite: SH. 33-34 or the equivalent. Conducted in Spanish. Offered 1, 2.

SH. 305.—Composition and Conversation. 3 hours. 3 credits. The first half of the course SH. 305-306. Prerequisite: SH. 201-202 or the equivalent. Conducted in Spanish. Offered 1, 3.

SH. 306.—Composition and Conversation. 3 hours. 3 credits. The second half of the course SH. 305-306. Prerequisite: SH. 201-202 or the equivalent. Conducted in Spanish. Offered 2.

SH. 307.—Survey of Spanish Literature. 3 hours. 3 credits. Prerequisite: SH. 201-202 or the equivalent. Conducted in Spanish. Offered 1.

SH. 308.—Survey of Spanish Literature. 3 hours. 3 credits. Prerequisite: SH. 201-202 or the equivalent. The second half of the course SH. 307-308. Conducted in Spanish. Offered 2.

SH. 323.—Commercial Spanish. 3 hours. 3 credits. Prerequisite: SH. 201-202 or the equivalent. Conducted in Spanish. Offered 1.

SH. 400.—Phonetics. 3 hours. 3 credits. Prerequisite: Permission of the instructor. Conducted in Spanish. Offered 3.

SH. 411.—Survey of Latin-American Literature. 3 hours. 3 credits. Prerequisite: three years of college Spanish or the equivalent. Conducted in Spanish. Not offered 1951-52.

SH. 412.—Survey of Latin-American Literature. 3 hours. 3 credits. The second half of the course SH. 411-412. Prerequisite: three years of college Spanish or the equivalent. Conducted in Spanish. Not offered 1951-52.

SH. 430.—Individual Work. 3 hours. 3 credits. Prerequisite: three years of college Spanish or the equivalent. Offered 1, 2, 3.

By means of this course a student may study for credit any 400 course not currently scheduled. The work of the course consists of conferences, readings and reports. With change of content SH. 430 may be elected for additional credit in subsequent sessions. Each time it is elected the course studied must be entered on the student's record, as for example, SH. 430.—Individual Work — The Romantic Movement.

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

With approval of the department head and the Dean of the Graduate School the following courses may be taken for credit towards a graduate major. Every graduate major must, however, include courses at the 500 level, the exact proportion to be determined in each case by the department head and the Graduate Dean.

SH. 434.—The Teaching of Spanish. 3 hours. 3 credits. Prerequisite: three years of college Spanish or the equivalent. Conducted in Spanish. Offered 3.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

SH. 435.—Drama of the Golden Age. 3 hours. 3 credits. Prerequisite: three years of college Spanish or the equivalent. Conducted in Spanish. Offered 1.

SH. 437.—Cervantes. 3 hours. 3 credits. Prerequisite: SH. 307-308 or the equivalent. Conducted in Spanish. Offered 1.

SH. 438.—Cervantes. 3 hours. 3 credits. The second half of the course SH. 437-438. Prerequisite: SH. 307-308 or the equivalent. Conducted in Spanish. Offered 2.

SH. 439.—The Romantic Movement. 3 hours. 3 credits. Prerequisite: three years of college Spanish or the equivalent. Conducted in Spanish. Offered 3.

SH. 440.—The Realistic Novel of the Nineteenth Century. 3 hours. 3 credits. Prerequisite: three years of college Spanish or the equivalent. Conducted in Spanish. Offered 2.

SH. 441.—Nineteenth Century Drama. 3 hours. 3 credits. Prerequisite: three years of college Spanish or the equivalent. Conducted in Spanish. Offered 2.

SH. 442.—Contemporary Drama. 3 hours. 3 credits. Prerequisite: three years of college Spanish or the equivalent. Conducted in Spanish. Not offered 1951-52.

SH. 443.—Contemporary Novel. 3 hours. 3 credits. Prerequisite: three years of college Spanish or the equivalent. Conducted in Spanish. Not offered 1951-52.

SH. 444.—Lyric Poetry. 3 hours. 3 credits. Prerequisite: three years of college Spanish or the equivalent. Conducted in Spanish. Not offered 1951-52.

SH. 460.—Colonial Literature of Latin America. 3 hours. 3 credits. Prerequisite: three years of college Spanish or the equivalent. Conducted in Spanish. Offered 1.

SH. 462.—The Romantic Movement in Latin America. 3 hours. 3 credits. Prerequisite: three years of college Spanish or the equivalent. Conducted in Spanish. Offered 2.

SH. 464.—The Realistic Movement in Latin America. 3 hours. 3 credits. Prerequisite: three years of college Spanish or the equivalent. Conducted in Spanish. Not offered 1951-52.

SH. 467.—Contemporary Latin-American Literature. El Modernismo. 3 hours. 3 credits. Prerequisite: three years of college Spanish or the equivalent. Conducted in Spanish. Offered 2.

SH. 468.—Contemporary Latin-American Literature. The Novel. 3 hours. 3 credits. Prerequisite: three years of college Spanish or the equivalent. The second half of the course SH. 467-468. Conducted in Spanish. Not offered 1951-52.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

SH. 469.—Latin-American Civilization. 3 hours. 3 credits. Prerequisite: three years of college Spanish or the equivalent. Conducted in Spanish. Offered 1.

Spanish, French, English and American contributions to the cultural development of Latin America. Effects of this development on the Indian and the Negro. Current trends.

SH. 470.—Latin-American Civilization. 3 hours. 3 credits. The second half of the course SH. 469-470. Prerequisite: three years of college Spanish or the equivalent. Conducted in Spanish. Offered 2.

COURSES FOR GRADUATES

Prerequisite: twenty-four semester hours or the equivalent of undergraduate courses in Spanish. These must include six hours in Spanish literature at the 400 level and six hours in composition and conversation. The student must have a reading knowledge of one foreign language other than Spanish.

SH. 501.—Spanish Historical Grammar. 3 hours. 3 credits. Prerequisite: two years of Latin. The syntax, phonology and morphology of Old Spanish. Not offered 1951-52.

SH. 502.—Old Spanish Literature. 3 hours. 3 credits. The second half of the course SH. 501-502. Prerequisite: SH. 501. Not offered 1951-52.

Readings in Spanish literature of the 12th, 13th and 14th centuries.

SH. 503.—Latin-American Short Story and Essay. 3 hours. 3 credits. Not offered 1951-52.

SH. 504.—The Spanish Picaresque Novel. 3 hours. 3 credits. Conducted in Spanish. Not offered 1951-52.

SH. 510.—Oral Spanish. Advanced Composition and Syntax. 3 hours. 3 credits. Prerequisite: SH. 305-306 or the equivalent. Conducted in Spanish. Not offered 1951-52.

SH. 516.—Spanish Essayists of the Nineteenth Century. 3 hours. 3 credits. Conducted in Spanish. Not offered 1951-52.

SH. 519.—Comparative Grammar of Romance Languages. 3 hours. 3 credits. Not offered 1951-52.

Comparative study of the morphology and phonology of French, Italian, Spanish, Portuguese and Rumanian, with some reference to the minor Romance languages.

SH. 520.—Comparative Grammar of Romance Languages. 3 hours. 3 credits. The second half of the course SH. 519-520. Not offered 1951-52.

The comparative study of the syntax of French, Italian, Spanish, Portuguese and Rumanian, with some reference to the minor Romance languages.

SH. 530.—Individual Work. 3 hours. 3 credits. Offered 1, 2, 3.

By means of this course a student may study for credit any 500 course in Spanish not currently scheduled. The work of the course consists of conferences, readings and reports. With change of content SH. 530 may be elected for additional credit in subsequent sessions. Each time it is elected the name of the course studied must be entered on the student's record as, for example, SH. 530.—Individual Work — The Spanish Picaresque Novel.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

SPEECH

Instructional Staff 1950-51

Constans, H. P., Head; Dickey, D. C., Dierlam, R. J., Dusenbury, D. B., Ehninger, D. W., Hale, L. L., Larry, Cynthia, McClellan, Margaret C., Mase, D. J., Morrison, Sheila G., Neale, J. R., Rickert, R. T., Steis, W. B., Tew, R. E., Weaver, J. C.

In addition to the courses below the Department of Speech maintains a Speech and Hearing Clinic which offers individual assistance to persons desiring aid in overcoming speech defects. Applicants for this service should communicate as soon as possible with Professor Constans or Professor Hale.

C-31 is prerequisite to all courses in the department numbered 241 and above. SCH. 241 is prerequisite to, or corequisite with, all courses numbered above 241. SCH. 245 may not be counted toward a group or departmental major in speech.

FOR UNDERGRADUATES

SCH. 202.—Parliamentary Procedures. 1 hour. 1 credit. Offered 1, 2.

Rules governing the proceedings of deliberative assemblies together with practice in their usage.

SCH. 222.—Introduction to Radio. 2 hours. 2 credits. Offered 1, 2.

A survey of the field of broadcasting, its requirements and opportunities—writing, producing, selling, management—and its obligations to the public.

SCH. 231.—Voice and Diction. 2 hours. 2 credits. Offered 1, 2, 3.

Effective voice production, clear articulation, acceptable pronounciation, and pleasing intonation, rhythm and phrasing. Both group and individual improvement needs are met.

SCH. 241.—Effective Speaking. 3 hours. 3 credits. Offered 1, 2, 3.

Designed to aid the student through demonstration and practice to talk effectively to a group.

SCH. 245.—Recreation and Community Dramatics. 3 hours. 3 credits. Prerequisite: SCH. 241 or permission of instructor. Offered 1, 3.

A general terminal course in the fundamentals of dramatic production and their practical application. Designed primarily for students in the Colleges of Physical Education and Education.

SCH. 250.—Acting. 3 hours. 3 credits. Prerequisite or corequisite: SCH. 241. Offered 1, 2.

A study of acting from the aesthetic and practical viewpoints with emphasis on theories of acting and principles of stage make-up.

SCH. 301.—Advanced Public Speaking. 3 hours. 3 credits. Prerequisite: SCH. 241. Offered 1, 2, 3.

Structure, style and delivery of speeches for formal occasions, with special emphasis on the psychology of audience persuasion. Practice in speaking before off-campus audiences.

SCH. 303.—Argumentation and Debating. 3 hours. 3 credits. Prerequisite or corequisite: SCH. 241. Offered 1.

The principles of argumentation and their application to issues of current public interest, with special reference to the national debate question. All students expecting to join the debate squad should take this course.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

SCH. 304.—Argumentation and Debating. 3 hours. 3 credits. Prerequisite SCH. 303. Offered 2.

A continuation of SCH. 303. The practical problems of debate, and the special forms of debate.

SCH. 307.—Interpretation of Literature. 3 hours. 3 credits. Prerequisite or corequisite: SCH. 241. Offered 1, 2, 3.

Voice training; exercises for developing the effectiveness of the body and voice; oral reading of short stories and narrative poetry.

SCH. 308.—Interpretation of Literature. 3 hours. 3 credits. Prerequisite: SCH. 307. Offered 1, 2.

Advanced oral interpretation of lyric poetry, dialect readings, novels, plays; arrangement and presentation of public programs.

SCH. 309.—Staging and Lighting. 1 hour, and 4 hours laboratory. 3 credits. Prerequisite: SCH. 250. Offered 1, 2, 3.

The designing, constructing, assembling and painting of scenery; lighting plans, instruments, controls and colors; special effects. Participation in plays.

SCH. 310.—Directing. 2 hours, and 2 hours laboratory. 3 credits. Prerequisite: SCH. 250 and SCH. 309. Offered 2.

The theories and principles of direction and practical experience in directing plays. The project method is used.

SCH. 311.—Speech Training for the Radio. 4 hours. 3 credits. Prerequisite: SCH. 241 and SCH. 307. Offered 1, 2, 3.

Vocal considerations for all uses of the microphone.

SCH. 312.—Courtroom Speaking. 3 hours. 3 credits. Prerequisite: SCH. 301 or 303. Offered 1, 2.

Reading and analysis of courtroom speeches by famous lawyers, and presentation of original arguments based upon hypothetical cases. Designed primarily for students who contemplate entering law.

SCH. 314.—Types of Public Discussion. 3 hours. 3 credits. Prerequisite: SCH. 241 or permission of instructor. Offered 2, 3.

Study and practice in the principles and methods of group discussion. Special attention given to problem-solving and conflict resolution.

SCH. 317.—Correction of Speech Defects. 3 hours. 3 credits. Prerequisite: SCH. 415 and SCH. 410. Offered 1, 3.

A beginning course in the recognition and correction of common speech defects. The problem of individual language difficulties and the diagnostic and corrective procedure in cases of lisping, indistinct enunciation, pitch and quality difficulties, and foreign accent will be presented. Observation of clinical practice.

SCH. 318.—Radio Writing. 3 hours. 3 credits. Prerequisite: SCH. 311 or consent of instructor. Offered 2, 3.

The planning and writing of the more important types of radio programs (excluding news writing, editing, and commentaries) such as interview, musical, commercial, special events, educational, dramatic, and television.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

SCH. 320.—Speech Activities in the School. 3 hours. 3 credits. Prerequisite: SCH. 241 or permission of instructor. Offered 1, 2, 3.

A course designed for teachers. The place of speech education in the school; organization of materials and activities; discussion of specific problems that arise in the teaching of public speaking, debate, auditorium programs, oral reading, dramatics and speech improvement.

SCH. 323.—Radio Promotion and Sales. 3 hours. 3 credits. Prerequisite: SCH. 241. Offered 1.

Application of principles of advertising to radio, building of audiences, ratings, working with agencies. Local sales, service and collections. National sales by networks, agencies, stations.

SCH. 324.—Radio Station Management. 3 hours. 3 credits. Prerequisite: SCH. 323 or permission of instructor. Offered 2.

The physical property, staff organization and distribution, network and public service policies, equipment and maintenance problems, traffic control, financial problems.

SCH. 328.—Public Service Radio. 3 hours. 3 credits. Prerequisite: SCH. 222 or permission of instructor. Offered 1.

Radio as a means of improving the informational, educational and cultural level of listeners; forums, interviews and other special events; use of radio as an aid in classroom instruction.

SCH. 333.—One-Act Play. 3 hours. 3 credits. Prerequisite: Permission of instructor. Offered 2, 3.

The one-act play as a type of drama; the reading and criticism of the best one-act plays by contemporary writers; the technique of play-writing.

For advanced undergraduates and graduates. For the Master's Degree, one-half of the course work must be in courses numbered 500.

SCH. 401.—History of the Theatre (from its beginning to 1642). 3 hours. 3 credits. Prerequisite: SCH. 310 or permission of instructor. Offered 1.

Development of the theatre from its beginning with emphasis on the physical structure, production problems and theatrical personalities.

SCH. 402.—History of the Theatre (from 1642 to the present). 3 hours. 3 credits. Prerequisite: SCH. 310, or permission of instructor. Offered 2.

The theatre from the middle of the seventeenth century in Europe and America. Critical examination of the physical theatre, dramatic productions, and theatrical personalities of the 19th and early 20th century.

SCH. 405.—Famous American Speakers. 3 hours. 3 credits. Prerequisites: SCH. 301 and SCH. 303 or SCH. 314. Offered 1.

Great American speeches and speakers studied against the background of their lives and the issues of their times.

SCH. 406.—Famous British Speakers. 3 hours. 3 credits. Prerequisites: SCH. 301 and SCH. 303 or SCH. 314. Offered 2.

Great British speeches and speakers studied against the background of their lives and the issues of their times.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

SCH. 408.—Advanced Forms of Public Address. 3 hours. 3 credits. Open to seniors who have completed SCH. 301, 303, 314, and 304 or 312. Offered 2.

Audience psychology—Attitudes, drives, motives—and its application to speaking situations as a means of social control; special techniques of speech construction.

SCH. 410.—Scientific Bases of Speech. 3 hours. 3 credits. Prerequisite: SCH. 241 or permission of instructor. Offered 2, 3.

A survey in certain related fields of the scientific material which is fundamental to an understanding of the normal speaking process and of speech abnormalities.

SCH. 411.—Speech and Hearing. 3 hours. 3 credits. Prerequisite: SCH. 415 or permission of instructor. Offered 1.

A study of the relationship between speech and hearing, the frequency of hearing losses and speech defects, the tests for hearing acuity, the speech therapies for the hearing handicapped.

SCH. 415.—Applied Phonetics. 3 hours. 3 credits. Prerequisite: SCH. 241 or permission of instructor. Offered 1, 2, 3.

A dynamic phonetic analysis of the sounds of speech; application of the individual's speech to the study of dialects and foreign languages, and to remedial procedures in speech correction. Considerable practice in vocal performance and phonetic transcription using the International Phonetic Alphabet.

SCH. 418.—Correction of Speech Defects. 3 hours. 3 credits. Prerequisite: SCH. 317 or permission of instructor. Offered 2, 3.

A continuation of SCH. 417. The diagnostic and corrective procedure in cases of deafness, paralysis, emotional instability, stuttering, and delayed speech will be presented. Observation of clinical practice.

SCH. 423.—Radio Programming and Production. 1 lecture, and 2 two-hour labs. 3 credits. Prerequisites: SCH. 241 and SCH. 318. Offered 1.

Planning and producing programs for the local station and the networks on a commercial and sustaining basis; program casting, directing, rehearsing, cutting and timing.

SCH. 424.—Radio Programming and Production. 1 lecture, and 2 two-hour labs. 3 credits. Prerequisite: SCH. 321. Offered 2.

A continuation of SCH. 423.

SCH. 425.—Advanced Interpretative Reading. 3 hours. 3 credits. Prerequisite: SCH. 308 or permission of instructor. Offered 1.

Supervised practice in reading aloud from selections representing the various literary forms. Literary analysis applied to oral interpretation. Preparation and presentation of a lecture recital.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

SCH. 431.—The Teaching of Speech. 3 hours. 3 credits. Offered 1. Open to seniors who have completed 12 semester hours of Speech courses numbered 300 or above.

The more important philosophies and systems of speech instruction of the past 100 years. Instruction, organization, and content of the basic and advanced courses in the speech curriculum.

GRADUATE COURSES

Prerequisites: A student must have an undergraduate major in Speech consisting of twenty-four semester hours, or its equivalent, as determined by the department. At least fifteen of these hours must be in Speech.

The courses listed below may be taken to complement or fulfill the course requirements for the M.A. and Ph.D. Degrees.

SCH. 500.—Introduction to Graduate Study. 2 hours. 2 credits. Required of all graduate students majoring in speech. Offered 1, 3.

The various areas of the field of speech with a review of the literature.

SCH. 501.—Playwriting. 3 hours. 3 credits. Offered 1.

The theory and practice of playwriting with emphasis on the creative and practical elements—attention to writing the regional play.

SCH. 503.—Problems in Technical Production. 3 hours. 3 credits. Offered 1.

The theory and problems of the technical aspects of the production of plays. Participation in a supervisory capacity in a selected technical phase of a major theatre production.

SCH. 504.—Problems in Directing. 3 hours. 3 credits. Offered 2.

The problems of the play director: selecting, casting, rehearsing and mounting the play. Participation in directing and producing plays.

SCH. 505.—Seminar in American Oratory. 3 hours. 3 credits. Offered 2.

Studies of the lives and speeches of noted American speakers with special reference to the changing character of compositional style and delivery. Particular attention will be paid to speeches on contemporary issues.

SCH. 506.—Seminar in British Oratory. 3 hours. 3 credits. Not offered in 1951-52.

Speeches of the eighteenth century British debaters will be analyzed and compared with contemporary oratory. Special attention to the speeches of Burke, Fox, Pitt, Eden, Halifax and Churchill.

SCH. 507.—Ancient and Medieval Rhetoric. 3 hours. 3 credits. Offered 1.

The history of rhetorical theory; a study of certain great works in order to provide understanding of the points of view of outstanding classical writers who have influenced rhetorical thought, criticism, speaking and writing.

SCH. 508.—English and American Rhetoric. 3 hours. 3 credits. Offered 2, 3.

This course follows SCH. 507, Ancient and Medieval Rhetoric, and emphasizes the rhetorical theory of Continental, English, and American writings.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

SCH. 509.—Advanced Public Discussion and Debate. 3 hours. 3 credits. Offered 3.

A study of the principles of group discussion and debate and the functions of the participants. The objectives of educational forensics and the methods used in attaining them.

SCH. 511.—Seminar in Hearing. 3 hours. 3 credits. Offered 1.

Normal and abnormal hearing functions; methods of testing hearing; use of hearing aids; speech therapy for the hard of hearing. Clinical practice.

SCH. 512.—Seminar in Stuttering. 3 hours. 3 credits. Offered 2.

An impartial presentation of the theories of the etiology and therapy of stuttering. Clinical practice.

SCH. 513.—Southern Oratory. 3 hours. 3 credits. Offered 3.

The speaking and speeches of selected Southern speakers studied from the standpoints of the speaker, the speech situation, the period, and the speeches; a synthesis and interpretation of Southern speakers and their influence on the South.

SCH. 515.—Experimental Phonetics. 3 hours. 3 credits. Offered 2.

A study of historical and regional phonetics. Considerable practice in vocal performance and phonetic transcription using the International Phonetic Alphabet.

SCH. 516.—Seminar in Speech Research. 3 hours. 3 credits. Offered 2.

A lecture and project course in the more complex problems in speech.

SCH. 517.—Speech Pathology. 3 hours. 3 credits. Offered 1, 3.

A study of the pathologies of speech, methods of diagnosis and testing, procedure in clinical organizations. A practical program to meet the needs of a given clinical area will be prepared. Clinical practice.

SCH. 518.—Seminar in Speech Pathology. 3 hours. 3 credits. Offered 2.

An advanced course in the pathologies of speech with emphasis on rehabilitative procedures.

SCH. 519.—Experimental Problems in Speech. 3 hours. 3 credits. Offered 1, 3.

For students working on individual research projects.

SCH. 520.—Experimental Problems in Speech. 3 hours. 3 credits. Offered 2.

For students working on individual research projects.

SCH. 521.—Clinical Practice. 1 hour seminar, 6 hrs. clinic laboratory. 3 credits. Offered 1, 2, 3.

Supervised practice in clinical teaching, application of clinical methods in diagnosis, and re-training of individuals having disorders of speech. Preparation and study of case histories.

SCH. 522.—Clinical Practice. 1 hour seminar, 6 hrs. clinic laboratory. 3 credits. Offered 1, 2, 3.

A continuation of SCH. 521.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

SCH. 526.—Theory and Practice of Oral Reading. 3 hours. 3 credits. Offered 2, 3.

The psychological and philosophical theories of creative, artistic oral reading; the teaching of interpretative reading; practice in reading from the works of selected modern authors; the preparation and presentation of a lecture recital.

SCH. 531.—Seminar in Radio Programming. 3 hours. 3 credits. Offered 1, 3.

Individual projects involving the use of basic research methods in the analysis of material heard on the air in significant areas affecting radio programming.

SCH. 532.—Radio Standards and Policies. 3 hours. 3 credits. Offered 2.

An historical analysis of the development of standards and policies in the radio industry in terms of governmental regulation and voluntary action on the part of the industry. Consideration will be given to handling of controversial issues, advertising policies, unfair competition, political broadcasts, editorializing, children's programs, religious programs, and the like.

SCH. 540.—Seminar in Speech Problems. 3 hours. 3 credits. Offered 2.

A lecture and project course in the more complex problems in speech.

SCH. 542.—The Professional Address. 3 hours. 3 credits. Not offered in 1951-52.

Advanced principles and practices in preparing an address for professional use: the lecture and lecture-recital, the sermon, and the political address.

VETERINARY SCIENCE

Instructional Staff 1950-51

Sanders, D. A., Head; Emmel, M. W., Van Ness, G., Swanson, L. E.

VY. 301.—Anatomy and Physiology. 3 hours lecture. 3 credits. Offered 1.

The skeleton, articulations, muscles, circulatory, digestive, urinogenital, respiratory, and nervous systems, endocrine glands, special senses.

VY. 401.—Farm Sanitation and Disease Prevention. 3 hours. 3 credits. Offered 1.

Practical methods of farm sanitation, and control of principal diseases of farm animals.

VY. 402.—Poultry Diseases. 2 hours. 2 credits. Offered 2.

Causes, symptoms, methods of prevention, and treatment of diseases of poultry.

GRADUATE COURSES

VY. 543.—Problems in Animal Pathology. 1 to 4 credits. Prerequisites: Consult major Professor. Offered 1, 2, 3.

VY. 545.—Problems in Animal Parasitology. 4 to 8 credits. Prerequisites: BLY. 161, 162, 208, 209, and BCY. 301. Offered 1, 2, 3.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

GENERAL INDEX

Page

Academic Council ... 9
Accounting
  Courses ... 256
  Curriculum ... 115, 157
Activities, Student ... 98
Actuarial Work (See Economics, Mathematics, and Statistics)
Administrative Officers ... 9
Administrative Staff ... 10
Admissions ... 66
Advertising Curriculum ... 115, 159
Advertising Sequence in Journalism ... 204
Aeronautical Engineering
  Courses ... 259
  Curriculum ... 117, 196
Agricultural Chemistry
  Courses ... 261
  Curriculum ... 111, 122
Agricultural Economics
  Courses ... 262
  Curriculum ... 111, 122
Agricultural Education
  Curriculum ... 111, 116, 123, 179
Agricultural Engineering
  Courses ... 264
  Curriculum ... 111, 117, 123, 196
Agricultural Experiment Station ... 64
Agricultural Extension Courses ... 266
Agricultural Extension Service ... 62
Agriculture
  College of ... 120
  Curricula ... 111, 122
  Graduate Program ... 243
Agronomy
  Courses ... 266
  Curriculum ... 111, 124
Air Science (see Military Science)
Alumni Affairs, Division of ... 62
American Area Studies Program ... 114, 147
American Institutions ... 253
Americanism, Chair of ... 150
Animal Husbandry
  Courses ... 269
  Curriculum ... 111, 125
Anthropology Courses ... 271
Applied Art Curriculum ... 113, 140
Architectural & Community Research, Bureau of ... 65, 134
Architecture & Allied Arts, College of ... 134
Architecture
  Courses ... 272
  Curricula ... 112, 137
Area Studies Programs ... 114, 147
Art Courses ... 276
Art, Commercial
  Courses ... 318
  Curriculum ... 113, 141
Art, Painting & Drawing
  Courses ... 443
  Curriculum ... 113, 140
Arts & Sciences
  College of ... 143
  Curricula ... 114, 144
Assistantships, Graduate ... 251
Associate of Arts, Requirements for ... 110
Astronomy Courses ... 279
Athletics ... 102
Attendance Regulations ... 107
Awards ... 103

Bacteriology
  Courses ... 280
  Curriculum ... 111, 114, 126, 144
Bank, Student ... 75
Banking & Finance Curriculum ... 115, 157
Biological Science ... 255
Biology Courses ... 283

Page

Board of Control of Florida ... 9
Board of Education of Florida ... 9
Botany
  Courses ... 289
  Curriculum ... 111, 114, 126, 144
Building Construction
  Courses ... 292
  Curriculum ... 112, 138
Business Administration
  College of ... 152
  Courses ... 295
  Curricula ... 115, 156
  Graduate Program ... 243
  & Law Curriculum ... 166
Business Education
  Courses ... 293
  Program ... 116, 179
Business Organization and Operation
  Courses ... 295
Business Statistics Curriculum ... 115, 162

Cafeteria, University ... 97
Calendar ... 5
Campus Map ... 2
Cancer Research
  Laboratory ... 65
  Graduate Program ... 245
Center of the Arts ... 134
Chemical Engineering
  Courses ... 302
  Curriculum ... 117, 197
Chemistry
  Courses ... 306
  Curriculum ... 114, 144
Civil Engineering
  Courses ... 313
  Curriculum ... 117, 197
Clinical Services, Florida Center of ... 80, 234
Commercial Art
  Courses ... 318
  Curriculum ... 113, 141
Commercial Education Curriculum ... 116, 179
Comprehensive Courses ... 109, 253
Comprehensive Examinations ... 108
Cooperative Living Organization ... 78
County Agents ... 53
Crafts
  Courses ... 319
  Curriculum ... 113, 142

Dairy Science
  Courses ... 320
  Curricula ... 111, 128
Dean of Men ... 78
Dean of Student Personnel ... 78
Dean of Women ... 79
Debating ... 99
Degrees, General Requirements (see also respective Colleges) ... 106
Deposits ... 73
Doctors Degrees ... 246
Dormitories ... 76
Dramatics ... 99

Economic & Business Research, Bureau of ... 65, 154
Economic Geography Curriculum ... 115, 161
Economics
  Courses ... 322
  Curriculum ... 114, 115, 144, 163
Editorial Sequence in Journalism ... 204
Education
  College of ... 169
  Courses ... 330
  Curricula ... 116, 173
  Graduate Program ... 241
Educational Research, Bureau of ... 170

Page

Electrical Engineering
Courses 348
Curriculum 117, 199
Elementary Education Curriculum 116, 173
Employment, Student 80
Engineering
College of 183
Curricula 117, 196
Engineering Mechanics Courses 353
Engineering & Industrial Experiment Station 64, 185
English Courses 355
Entomology
Courses 364
Curriculum 111, 129
Examinations, Comprehensive 108
Exceptional Child Education
Curriculum 116, 174
Executive Secretaryship Curriculum 115, 164
Expenses 71
Expenses, Summary of 75
Experiment Stations 64

Faculty 10
Failure (Poor Scholarship) Regulations 107
Fees 71
Finance Curriculum 115, 157
Fine Arts Programs 113, 140, 150
Floriculture Curriculum 111, 131
Florida State Museum 62
Florida Union 97
Foreign Service Training Program 115, 149
Foreign Students, Admission
Information for 70
Foreign Trade Curriculum 115, 161
Forestry
Courses 368
Curricula 112, 202
School of 201
Fraternities, Honorary 100
Fraternities, Social 99
French Courses 372
Fruit Production Curriculum 111, 130

General Agriculture Curriculum 111, 125
General Business Curriculum 115, 165
General Extension Division 62
General Information 58
General Science Courses 375
Geography Courses 376
Geology Courses 380
German Courses 383
Graduate Grants-in-Aid 250
Graduate School 68, 237
Greek Courses 386

Handicapped, Curricula in Training of 234
Health Education Curriculum 119, 221
Health Service, Student 95
History Courses 387
History of the University 58
Home Demonstration Agents 53
Honor System 100
Honors, Graduation with 107
Horticulture
Courses 396
Curricula 111, 129
Housing 75
Humanities, The 254

Industrial Arts
Courses 400
Curriculum 116, 180
Industrial Engineering
Courses 403
Curriculum 117, 199
Infirmary 95
Instructional Staff 10
Insurance Curriculum 115, 164

Page

Inter-American Area Studies
Graduate Program 246
Inter-American Institute 61
International Affairs Curriculum 149
Interior Design
Courses 405
Curriculum 113, 140
Intramurals 102
Italian Courses 406

Journalism
Courses 407
Curricula 118, 203
School of 203

Labor Economics Curriculum 115, 162
Landscape Architecture
Courses 410
Curriculum 113, 139
Latin American Area Studies Program 114, 148
Latin American Area Studies
Graduate Program 246
Latin American Trade Curriculum 115, 163
Latin Courses 410
Law
Admission to 68, 206
College of 206
Courses 412
Library 209
Review 210
& Business Administration Curriculum 166
Libraries, University 61
Library Science Courses 419
Loan Funds 88
Logic, Practical 254
Lower Division 109

Management Curriculum 115, 166
Map of Campus 2
Marketing Curriculum 115, 158
Masters Degrees 239
Mathematics Courses 420
Mathematics, Fundamental 254
Mechanical Engineering
Courses 426
Curriculum 117, 200
Mental Hygiene, Bureau of 80
Meteorology Courses 430
Military Science
Courses 431
Deposit 73
Division of 229
Museum, Florida State 62
Music
Courses 434
Division of 228
Fees 71
Naval Stores Research Laboratory 65

Navigation (see Astronomy Courses)
Non-Florida Students, Classification of 73

Organization of the University 59
Organizations, Student 98
Ornamental Horticulture Curriculum 111, 131

P. K. Yonge Laboratory School 169
P. K. Yonge Library of Florida History 62
Painting & Drawing
Courses 443
Curriculum 113, 140
Pharmaceutical Chemistry Courses 444
Pharmacognosy Courses 445
Pharmacology Courses 446
Pharmacy
College of 213
Courses 448
Curriculum 118, 214
Philosophy Courses 450

Page

Physical Education
Curriculum for Men 119, 218
Curriculum for Women 119, 219
Graduate Program 244
Required 225, 460
Physical Education, Health & Athletics
College of 216
Courses 453
Curriculum 216
Physical Fitness
Courses 460
Program 225
Physical Sciences, The 253
Physics Courses 462
Plant Pathology
Courses 468
Curriculum 111, 127
Political Science Courses 471
Portuguese (Brazilian) Courses 476
Poultry Husbandry
Courses 477
Curriculum 111, 131
Pre-Dental Program 111, 147
Pre-Law Program 118, 147, 166
Pre-Library Science Program 147
Pre-Medical Program 111, 147
Pre-Theology Program 147
Press, University 63
Prizes 103
Professional Relations-Pharmacy, Bureau of 65
Psychology Courses 479
Public Administration
Clearing Service 65
Curriculum 115, 167
Graduate Program 244
Public Finance & Taxation
Curriculum 115, 161
Public Health Engineering
Curriculum 117, 198
Public Relations, Division of 62
Public Utilities Curriculum 115, 160
Publications, Student 99

Radio Broadcasting Curricula 150, 231
Radio News Sequence in Journalism 205
Radio Station 63
Reading Laboratory & Clinic 81
Reading, Speaking, Writing 254
Real Estate
Courses 484
Curriculum 115, 158
Recreation 102
Recreation Curriculum 119, 223
Refund of Fees 73
Registration Fees 71
Regulations, Student 106
Religion Courses 486
Religious Activities 99
Research Council 249
Program at Oak Ridge 249
Staff 10
Residence Halls 76

Page

Retailing Curriculum 115, 159
Retired Members of the Faculty 52
Room Reservation Deposit 73, 76
Russian Courses 487

Sales & Sales Management Curriculum 115, 159
Sanitary Engineering Curriculum 117, 198
Scholarships 82
School Art Courses 488
Secondary Education Program 116, 174
Social Administration Curriculum 114, 149
Social Sciences Courses 488
Social Studies Courses 488
Sociology Courses 489
Soil Chemistry Curriculum 111, 133
Soil Fertility and Management Curriculum 111, 132
Soil Microbiology Curriculum 111, 133
Soil Surveying Curriculum 111, 133
Soils Courses 494
Spanish Courses 496
Special Students 68
Speech and Hearing Clinic 81, 234
Speech Courses 500
Staff, Instruction, Research & Administration 10
Statistics Curriculum 115, 162
Student Bank 75
Student Employment 80
Student Government 98
Student Life—Activities, Facilities, Services 78
Student Organizations Advisor 80
Student Personnel, Dean of 78
Summer Session 65
Suspension for Poor Scholarship 107

Taxation Curriculum 115, 161
Teacher Placement Bureau 169
Teacher Training (see Arts & Sciences and Education)
Transportation & Public Utilities Curriculum 115, 160
Tuition 73

Union, Florida 97
University College 109
Upper Division 120

Vegetable Production Curriculum 111, 130
Veterans
Admission Information 68
Guidance Center 79
Veterinary Science Courses 506
Vocational Guidance, Bureau of 80

Wildlife Management Curriculum 202
Women Students Association 98
WRUF (Radio Station) 63

Yonge Laboratory School (see also P. K. Yonge) 169

The University Record of the University of Florida

COLLEGE OF LAW

1951 - 1952

Vol. XLVI, Series 1 *No. 7* *July 1, 1951*

Published monthly by the University of Florida, Gainesville, Florida
Entered in the post office in Gainesville, Florida, as second-class matter, under Act of Congress, August 24, 1912

Office of Publication, Gainesville, Florida

WEST UNIVERSITY AVENUE
UNION DRIVE
RADIO HOUSE
STADIUM
DRILL FIELD
ADMINISTRATION
P.E. TOWER
PLAYET NO. 1
PLAYET NO. 2
PLAYET NO. 3
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73

KEY TO MAP OF CAMPUS
UNIVERSITY OF FLORIDA

1. Administration Building
2. Law Building
3. Anderson Hall
4. Library
5. Peabody Hall
6. Parking Area
7. Walker Hall
8. Benton Hall
9. Building E—Classrooms
10. Residence
11. Building G—Faculty Offices
12. Green House
13. Temporary Residence
14. Farm Machinery Laboratory
15. Women's Dormitories
16. P. K. Yonge—Laboratory School
17. Cattle Feeding Barn
18. Nutrition Laboratory
19. Poultry Disease Laboratory
20. Temporary Dormitory J
21. Building C—Mechanical Drawing
22. University Auditorium
23. Science Hall
24. Building I—Classrooms
25. Leigh Hall
26. Floyd Hall
27. University Post Office
28. Horticulture Building
29. Temporary Dormitories—A thru H
30. Dairy Products Laboratory
31. Fumigation and Spectography Laboratories
32. Buildings A—Accounting and B—Civil Engineering
33. Student Service Center
34. Newell Hall
35. Building J
36. Temporary Dormitory I
37. Florida Union
38. University Cafeteria
39. Sledd Hall
40. Buckman Hall
41. Fletcher Hall
42. Thomas Hall
43. Murphree Hall
44. Women's Gymnasium
45. Building R—Music
46. Infirmary
47. Florida Gymnasium
48. Building K—Classrooms
49. Wood Products Laboratory
50. Cancer Research Laboratory
51. Greenhouse
52. Horticulture Laboratories
53. Tung Oil Laboratory
54. Garage
55. Reed Laboratory
56. Engineering and Industries Building
57. Graham Field
58. Building L
59. Plant and Grounds Building
60. Maintenance Shops
61. Temporary Dormitories—K thru S
62. Military Building
63. Building N—Engineering Laboratories
64. Men's Dormitories
65. Sewage Treatment Plant
66. Sewage Laboratory
67. Poultry Laboratory
68. Poultry Storage
69. Citrus Packing Plant
70. WRUF Radio Station
71. Pest Control Building
72. Perry Field
73. Tennis Stadium

UNIVERSITY CALENDAR
1951-52

REGULAR SESSION SEPTEMBER 1951 — JUNE 1952

1951

August 18, Saturday.....Last day for filing preliminary application for first semester.

Sept. 17, 18, Monday, Tuesday.....Placement tests for entering students.

Sept. 17-22, Monday-Saturday.....Orientation and registration according to appointments assigned on receipt of preliminary application.

Sept. 24, Monday, 7:40 a.m.....Classes begin. All registration fees increased by $5.00 for persons completing registration on or after this date.

Sept. 29, Saturday, 12 noon.....Last time for completing registration for first semester. No one permitted to start registration after 10 a.m. on this date.
Last time for adding courses and for changing sections.

October 1, Monday, 12 noon.....Last time for submitting resignation for first semester and receiving any refund of fees.

October 19, 20, Friday, Saturday.....Homecoming. Classes suspended at 12:30 p.m. Friday.

October 20, Saturday, 12 noon.....Last time for filing application with Dean to be designated as honor student.

October 27, Saturday, 12 noon.....Last time for making application at the Office of the Registrar for degree to be conferred at end of first semester.

November 5, Monday, 4 p.m.....Last time for dropping courses without receiving grade of E.

November 10, Saturday.....Georgia-Florida football game in Jacksonville, classes suspended.

November 21, Wednesday, 5:30 p.m....Thanksgiving recess begins.

November 26, Monday, 7:40 a.m.....Thanksgiving recess ends.

December 1, Saturday, 12 noon.....Last time for removing grades of I or X received in preceding semester or term of attendance.

December 20, Thursday, 5:30 p.m.....Christmas recess begins.

December 29, Saturday.....Last day for filing preliminary applications for second semester.

1952

January 3, Thursday, 7:40 a.m.....Christmas recess ends.

January 11, Friday.....Last day for candidates for degrees to be conferred at end of first semester to complete correspondence courses.

January 14, Monday, 4 p.m.....Last time for candidates for Master's and Doctor's degrees to be conferred at end of first semester to file theses with the Dean of the Graduate School.

January 19, Saturday, 2:30 p.m. ..... Final examination period begins.
January 21, Monday ..... Second semester registration begins for students who were enrolled during the first semester.
January 31, Thursday, 4 p.m. ..... Grades for all candidates for degrees to be conferred at end of first semester due in the Office of the Registrar (special lists are sent to the faculty for this report).
February 1, Friday ..... Faculty meetings, at times announced by the Deans, to pass upon candidates for degrees.
February 2, Saturday, 5 p.m. ..... First semester ends.
February 2, Saturday, 8 p.m. ..... First semester Commencement Convocation.
February 4, Monday, 4 p.m. ..... All grades for first semester due in the Office of the Registrar.

SECOND SEMESTER

February 6, Wednesday ..... Placement tests for entering students.
February 7-9, Thursday-Saturday ..... Registration according to appointments assigned on receipt of preliminary application.
February 11, Monday, 7:40 a.m. ..... Classes begin. All registration fees increased $5.00 for persons completing registration on or after this date.
February 16, Saturday, 12 noon ..... Last time for completing registration for the second semester. No one permitted to start registration after 10 a.m. on this date.
Last time for adding courses and for changing sections.
February 18, Monday, 12 noon ..... Last time for submitting resignation for second semester and receiving any refund of fees.
March 8, Saturday, 12 noon ..... Last time for filing application with Dean to be designated as honor student.
March 15, Saturday, 12 noon ..... Last time for making application at the Office of the Registrar for a degree to be conferred at the end of the second semester.
March 25, Tuesday, 4 p.m. ..... Last time for dropping courses without receiving a grade of E.
April 10, Thursday, 5:30 p.m. ..... Spring recess begins.
April 12, Saturday, 12 noon ..... Last time for removing grades of I or X received in preceding semester or term of attendance.
April 15, Tuesday, 7:40 a.m. ..... Spring recess ends.
May 3, Saturday ..... Last day for filing preliminary application for 1952 Summer Session.
May 16, Friday ..... Last day for candidates for degrees to be conferred at the end of the second semester to complete correspondence courses.
May 19, Monday, 4 p.m. ..... Last time for candidates for Master's and Doctor's degrees to be conferred at end of second semester to file theses with the Dean of the Graduate School.
May 24, Saturday, 2:30 p.m. ..... Final examination period begins.

May 26, Monday.....Summer session registration begins for students who were enrolled during the second semester.

June 5, Thursday, 4 p.m.....Grades for all candidates for degrees to be conferred at the end of the second semester due in the Office of the Registrar (special lists are sent to the faculty for this report).

June 6, Friday.....Faculty meetings, at times announced by the Deans, to pass upon candidates for degrees.

June 8, Sunday.....Baccalaureate Service.

June 9, Monday.....Commencement Convocation.

June 9, Monday, 4 p.m.....All grades for second semester due in the Office of the Registrar.

REGULAR SESSION 1952-53

1952

August 16, Saturday.....Last day for filing preliminary application for first semester.

September 15-16, Monday, Tuesday.....Placement tests for entering students.

September 15-20, Monday-Saturday.....Registration.

September 22, Monday.....Classes begin.

STATE BOARD OF EDUCATION

FULLER WARREN.....Governor
R. A. GRAY.....Secretary of State
J. EDWIN LARSON.....State Treasurer
RICHARD ERVIN.....Attorney General
THOMAS D. BAILEY, *Secretary*.....State Superintendent of Public Instruction

BOARD OF CONTROL

FRANK M. HARRIS, LL.B., *Chairman*.....Attorney at Law
St. Petersburg, Florida
ELI FINK, LL.B.....Attorney at Law
Jacksonville, Florida
N. B. JORDAN.....Banker
Quincy, Florida
HOLLIS RINEHART, LL.B.....Attorney at Law
Miami, Florida
GEORGE L. WHITE, SR.....Banker
Mount Dora, Florida

WILLIAM F. POWERS.....*Secretary of the Board of Control*
Tallahassee, Florida

OFFICERS OF ADMINISTRATION

1951-52

J. HILLIS MILLER, M.A., Ph.D., Litt.D.....President of the University
JOHN STUART ALLEN, Ph.D.....Vice-President of the University
GEORGE FECHTIG BAUGHMAN, LL.B., M.A.....Business Manager
ROBERT COLDER BEATY, M.A.....Dean of Men
MARNA VENABLE BRADY, Ed.D.....Dean of Women
HARLEY WILLARD CHANDLER, M.S.....Dean of the University
RICHARD SADLER JOHNSON, B.S.P.....Registrar
W. MAX WISE, Ed.D.....Dean of Student Personnel

THE COLLEGE OF LAW FACULTY

Harry Raymond Trusler, LL.B. ..... Dean of the College of Law, Emeritus
Robert Spratt Cockrell, LL.B. ..... Professor of Law, Emeritus
Clifford Waldorf Crandall, LL.B., LL.D. ..... Professor of Law, Emeritus

---

Henry Anderson Fenn, B.A., LL.B. ..... Dean and Professor of Law
Vernon Wilmot Clark, B.A.E., M.A., LL.B. ..... Professor of Law
James Westbay Day, B.S., B.S. in Educ., M.A., J.D. ..... Professor of Law
Dexter Delony, B.S., LL.B., LL.M. ..... Professor of Law
*William Armstrong Hunter, B.A., LL.B., LL.M., S.J.D. ..... Professor of Law
William Dickson MacDonald, B.A., LL.B., LL.M. ..... Professor of Law
Frank E. Maloney, B.A., LL.B. ..... Professor of Law
George John Miller, B.A., B.A. (Oxon.), LL.M., Doctor of Laws (Madrid) ..... Professor of Law
Eugene F. Scoles, B.A., J.D., LL.M. ..... Professor of Law
Dean Slagle, B.A., M.A., LL.B. ..... Professor of Law
Clarence John TeSelle, B.A., M.A., LL.B. ..... Professor of Law
Kenneth L. Black, B.A., LL.B. ..... Associate Professor of Law
Karl Krastin, B.A., LL.B. ..... Associate Professor of Law
James R. Richardson, B.A., LL.B. ..... Associate Professor of Law
Richard B. Stephens, B.A., LL.B. ..... Associate Professor of Law
Philip Keyes Yonge, B.A., LL.B. ..... Associate Professor of Law
Robert Barbeau Mautz, B.A., LL.B. ..... Assistant Professor of Law
*J. Allen Smith, B.A., LL.B. ..... Assistant Professor of Law
Robert F. Tomlin, B.S., LL.B. ..... Assistant Professor of Law

---

Stanley LeRoy West, LL.B., B.S. in L.S. ..... Director of University Libraries
Ila Rountree Pridgen, LL.B. ..... Law Librarian
Talbert B. Fowler, Jr., B.A., LL.B. ..... Assistant Law Librarian
Betty Louise Pryor, B.S., LL.B. ..... Assistant Law Librarian

---

*On Military Leave of Absence

GENERAL INFORMATION

The College of Law, founded in 1909, began its work in the Thomas Hall Dormitory for men under the deanship of Albert J. Farrah, a graduate of the University of Michigan, who served from 1909 until 1912.

Following the administration of Dean Farrah, Thomas W. Hughes served as Dean from 1912 until 1915. The Law Building, erected in 1914, was one of the first permanent units on the campus.

Harry R. Trusler, also a graduate of the University of Michigan, was appointed to the deanship in 1915 and served in that capacity until 1947. During his administration the College of Law was accredited by the New York State Board of Regents in 1917, admitted to membership in the Association of American Law Schools in 1920, and recognized as an "A" school by the American Bar Association in 1925.

The College of Law was opened to women students in 1925, and in 1933 the requirements for admission were increased to require an academic degree.

In September of 1941, the entire plant of the College of Law was dedicated and named in the memory of Nathan Philemon Bryan, Chairman of the Board of Control at the time of the founding of the College of Law, and former United States Senator and United States Circuit Judge. Also in 1941 the Law Library was built.

During the summer of 1948 the building which has housed the College of Law since 1914 was completely renovated. A new office suite was added for the Dean and additional offices for members of the faculty were provided. In the spring of 1950 construction of a new wing was completed, which provides a library reading room seating approximately one hundred and fifty students, a courtroom-auditorium with a seating capacity of approximately two hundred and fifty, and a suite of offices for the University of Florida Law Review.

The aim of the College is to impart a thorough, scientific, and practical knowledge of the law. It aims to develop keen, efficient lawyers, conversant with the ideals and traditions of the profession. Its policy is characterized by the emphasis of practice as well as theory; pleading as well as historical perspective; skill in brief making, as well as in giving legal information.

ADMISSIONS

Students without previous law school study are admitted at the beginning of the first and second semesters, but are not admitted to the summer session.

PROCEDURE FOR ADMISSION

Applicants for admission to the College of Law are required to file a preliminary application with the University Registrar on or before August 18 for the first semester, December 29 for the second semester. It will be impossible to consider applications received after these dates.

Upon receipt of the preliminary application, the Registrar will furnish final application forms. No applicant will be admitted until he has filed a complete transcript of his record from each law school, college or university attended (other than the University of Florida), and a written statement concerning his previous attendance at other law schools and, if he has attended another law school, a certificate from the Dean thereof that he is in good standing at that institution.

REQUIREMENTS FOR ADMISSION

Beginning Students. Except as hereinafter stated, applicants for admission must have received a degree in arts or sciences in an accredited college or university.

Combination Courses.—Applicants who are eligible for a degree in a combined course in the University of Florida or Florida State University upon the completion of one year of work in the College of Law, will continue to be admitted to the College of Law up to and including the second semester of 1951-1952. Thereafter no students will be admitted under the combined course program.

Veterans. Under existing legislation the College will continue to waive the last two semesters of preparatory college work required for entrance in all instances where the applicant has completed all preparatory college work required for admission except two semesters or less of study in preparatory subjects and where such applicant has failed to complete his or her last two semesters or less of preparatory study by reason of his or her having been inducted into any branch of the armed forces of the United States during or after the month of January, 1940, and where such completed work meets the standards of the Association of American Law Schools and the American Bar Association. (For information as to procedure necessary to qualify for the various types of educational benefits available to veterans of World War II, consult the University Catalog.)

Qualitative Requirement.—An applicant who has not received a degree must have maintained a scholastic average of C or higher on all college work undertaken.

Advanced Standing.—A student wishing to transfer from another accredited law school who, at the time of beginning his study of law, qualified for admission to this college under the above stated requirements for beginning students and who has maintained a scholastic average of C or higher on all previous law school work undertaken, may apply for admission with advanced standing. (Until September 1952, a student who has received his degree in arts or sciences in a combination academic and law program in an accredited college or university may apply for admission with advanced standing.) Courses completed with a grade of C or higher in other accredited law schools will be accepted for credit up to but not exceeding a total of thirty hours. (Until September, 1951, such credits will be accepted up to but not exceeding a total of 57 hours in the case of Florida students.)

In no case will credit be given for correspondence courses or other work not done in residence in an accredited law school.

In no case will a person who has received a law degree from an accredited law school be admitted as a candidate for the LL.B. degree.

FEES AND EXPENSES

Although expenses vary considerably with individual students, an unmarried Florida student attending the College of Law should anticipate expenses of at least $525.00 per semester estimated as follows: Registration fee $50.00; books and supplies $50.00; laundry and cleaning $35.00; room $90.00; board $200.00; incidental expenses $100.00. Non-Florida students are charged a registration fee of $225.00 per semester instead of the $50.00 fee charged Florida students. (Consult the University Catalog for details as to the classification of students as Florida or non-Florida students.)

Late registration increases the registration fee $5.00; this increased fee will not be waived for any reason.

A graduation fee of $10.00 to cover the cost of the candidates diploma and, rental of cap and gown, is payable at the time of the filing of the candidate's application for graduation.

Consult the University Catalog for the time and place of the payment of fees and expenses.

HOUSING

All communications or inquiries concerning housing, applications, deposit fees, and rent payments in University Housing facilities should be sent to the *Director of Housing, University of Florida, Gainesville.* A student may make his own arrangements direct with the property-owner for off-campus accommodations in private housing.

FINANCIAL ASSISTANCE

Student Employment.—The faculty of the College of Law recommends that students refrain from taking part-time employment during the first two semesters of study except in cases of absolute necessity. Consult the University Catalog for information concerning part-time employment at the University.

Scholarships.—No scholarship funds are available exclusively for law students. Consult the University Catalog for information as to scholarship funds which may be made available to law students.

Loan Funds.—The Senior Law Loan Fund, available to needy seniors in the College of Law, was established by the Law Class of 1938 and has been increased by subsequent gifts. Applications should be made to the Dean of the College of Law.

Consult the University Catalog for information as to other loan funds which may be made available to law students.

SUMMER SESSION

The College of Law conducts a summer session for students who have had one or more semesters of law study. Beginning students are not admitted to the summer session. Detailed information as to dates and courses is given in the *Bulletin of the Summer Session* which is usually published in April.

The faculty of the College of Law feels that continuous law study throughout the year is undesirable except in cases where it is essential that a student accelerate his work, and therefore strongly urges students who have been in continuous attendance for two or more semesters not to attend the summer session.

REQUIREMENTS FOR DEGREES

All degrees are conferred by the Board of Control at regular commencement exercises. All candidates for degrees are required to be present at commencement exercises (Baccalaureate Sermon and Commencement Convocation). A student who fails to attend without being excused by the Board of Control will not have his degree conferred until he makes another application and complies with this requirement.

The Faculty of the College of Law will recommend for the degree of Bachelor of Laws (LL.B.) candidates who have complied with the following requirements:

1. Completion, with a passing grade of courses totalling at least 85 credits, of which at least 55 must have been completed in this College. (In the case of a student admitted with advanced standing prior to September, 1951, at least 28 credits must have been completed in this College.)

2. Maintenance of either (a) a 2.0 honor point average on all work attempted after February 4, 1950, or (b) a 2.0 honor point average on the total of all work completed with a passing grade prior to February 4, 1950, and all work attempted after February 4, 1950.
3. Completion of at least 90 weeks of study in residence in an accredited law school, of which at least 56 must have been in residence in this College. (In the case of a student admitted with advanced standing prior to September, 1951, at least thirty weeks must have been completed in residence in this College.)
4. Completion of the last 28 credits and the last 30 weeks of study in residence in this College, unless other arrangements are made in advance by written petition approved by the faculty of the College of Law.

In cases of superior scholarship and intellectual attainments the Bachelor of Laws degree may be recommended *With Honors or With High Honors.* Ordinarily, to be eligible for consideration for the degree of *Bachelor of Laws With Honors* the candidate must have maintained an honor point average of 3.0 on all work attempted, and to be eligible for consideration for the degree of *Bachelor of Laws With High Honors* the candidate must have maintained an honor point average of 3.5 on all work attempted which work must include Legal Research or Law Review.

ADMISSION TO THE BAR

Under existing legislation upon presenting their diplomas and satisfactory evidence that they are twenty-one years of age and of good moral character, the graduates of the College are licensed, without examination, to practice in the courts of Florida.

STANDARDS OF THE AMERICAN BAR ASSOCIATION

The Council on Legal Education and Admissions to the Bar of the American Bar Association requests that attention be called to the Standards of the American Bar Association adopted in 1921 and by it recommended for enactment by all states. These Standards provide in effect that every candidate for admission to the bar, in addition to taking a public examination, shall give evidence of graduation from a law school which shall require at least two years of study in a college as a condition of admission, and three years of law study (or longer if not a full-time course), which shall have an adequate library and a sufficient number of teachers giving their entire time to the school to ensure actual personal acquaintance and influence with the whole student body, and which shall not be operated as a commercial enterprise.

LIBRARY

The Law Library contains over 32,000 volumes, with accessions being made at the rate of approximately three thousand volumes a year. In it are included the published reports of the courts of last resort in every state in the Union and of the Federal Courts, the English Reports, Full Reprint, the English Law Reports, Law Journal Reports, Law Times Reports, Dominion Law Reports, the Canadian Reports, Australian Reports, New Zealand Reports, Scottish Reports, and the Philippine Reports, together with a collection of digests, encyclopedias, series of selected cases, English and American treatises and textbooks, and the statutes of a majority of American jurisdictions including the Federal statutes.

LEGAL RESEARCH

The program in Legal Research (LW. 601) is a specific attempt to relate the study of law to practice by modeling instruction upon law office methods. The program is conducted as individual projects. Current problems, which are submitted by attorneys throughout the state, are used when available. The student is required to do individual research and to present his findings in the form of a legal memorandum. Emphasis is upon individual work and responsibility. Professional facility in research, analysis, organization, and expression must be fully demonstrated before credit is earned.

UNIVERSITY OF FLORIDA LAW REVIEW

The *University of Florida Law Review* is published four times a year by the student Editorial Board assisted by the Faculty Advisors. Approximately half of the publication is written by the students, and the remainder, written by specialists in various fields, is selected and edited by the Editorial Board. Emphasis as to subject-matter is on Florida and federal law. The work furnishes intensive training in research, organization, analysis and style. Members of the Editorial Board are selected on the basis of scholarship and past performance of law review work. After the freshman year, credit can be obtained for work satisfactory to the Faculty Advisors. Second-semester students are encouraged to participate as apprentices by way of training, in order to insure a place on the staff, and perhaps on the Editorial Board, in their junior and senior years.

STUDENT ORGANIZATIONS

The John Marshall Bar Association is the student bar association affiliated with the Florida State Bar Association and open to all members of the student body. It arranges for prominent members of the Bar to address the law students and has committees which advise with the faculty on matters of common interest such as curriculum and pre-law study.

Delta Theta Phi, Phi Alpha Delta, and Phi Delta Phi, national legal fraternities, and Phi Delta Delta, national legal sorority, have active chapters at the College.

PRIZES AND AWARDS

Harrison Company Award.—Kooman, Florida Chancery Pleading and Practice, with Cumulative Pocket Supplement is offered by the Harrison Company to the senior law student doing all his work in this institution who makes the highest record during his law course.

Harrison Company First Year Award.—Adkins, Florida Criminal Procedure Act Annotated, with Supplement, is offered by the Harrison Company to the first year law student making the highest average in twenty-nine hours of law taken in this institution.

Redfearn Prize.—For the past six years Hon. D. H. Redfearn of Miami has offered a prize of $50.00 for the best essay by a law student on some topic of legal reform. This prize will be continued in 1951-52.

CHANGES OF RULES—OFFICIAL NOTICES

The privilege is reserved to modify, amend or revoke any rules or regulations set forth herein upon due notice posted upon the official bulletin board of the College of Law.

All students are held responsible for knowledge of all matters posted on the official bulletin board.

ATTENDANCE—RULES OF DISCIPLINE

Satisfactory law study cannot be done without regular class attendance. When a student has been absent from a course twice as many class hours as the number of credit hours assigned to the course, that fact will be reported by the instructor to the Dean, who, in his discretion, may send an absence warning notice to the student. A student will be dropped from a course after two unexcused additional absences following such a warning notice.

All students are admitted subject to the rules of the University of Florida relating to discipline and any amendments thereof.

REGISTRATION

Registration dates are set forth in the University Calendar. Dates for summer session registration are listed in the Summer Session Bulletin. *Students are responsible for registering on these specified dates.* Late registration fees will be charged for students registering any time after the specified registration period.

All students must adhere to the registration procedure as announced by the Office of the Registrar. This includes not only filing the prescribed forms at the designated places, but also payment of all fees.

Change of Registration.—A student is not permitted to drop a course, add a course, exchange one course for another, or change sections in the same course without the approval of the Dean and the presentation at the Office of the Registrar of the cards authorizing the change. An instructor will not admit a student to or drop him from any class except after notification on the proper form from the Registrar's Office. No student will receive credit for any course for which he is not properly registered. *Dates within which courses may be dropped or added are set forth in the University Calendar.* No changes can be made after these dates except by permission of the University Senate Committee on Student Petitions after formal petition.

Maximum and Minimum Load.—No student may register in any semester for less than twelve credits nor more than sixteen credits of work without permission from the Dean.

Repeating Courses.—A student who has passed a course cannot repeat it. A student who has failed a course cannot repeat it, except that in exceptional circumstances, the Dean, in his discretion, may permit repetition of a failed course.

CURRICULUM AND GRADES

Program of Study.—The program of study contemplates six semesters of work, beginning in the fall semester of the academic year, although efforts are made to adjust the program to meet the needs of students entering in the spring semester.

Integrated groups of courses are offered in the first and second semesters. All students are required to take the designated first year courses and to do so at the first opportunity. In exceptional cases the Dean may waive these requirements.

All work after the first two semesters is elective, except that all students are required to take LW. 408, Legal Ethics, in their fifth or sixth semester. Prerequisites for particular courses may be prescribed.

The privilege is reserved by each member of the faculty to limit the number and to prescribe any special qualifications of students in his courses and seminars.

The privilege is reserved to cancel any course or seminar where the registration for it does not warrant its being given in a particular semester.

Examinations.—In first semester courses mid-term examinations are held for the primary purpose of acquainting students with law school examinations. Examinations are given at the end of each semester in all courses.

Grading Scale.—Students' work is graded according to the following scale: A—excellent; B—good; C—satisfactory; D—poor; and E—failure. No numerical grades are given. Grades of I (Incomplete) and X (Absent from examination) are temporary grades, which must be changed to passing grades in accordance with the dates set in the University Calendar or be considered as grades of E in considering a student's record for graduation or in calculating averages. The grade of Ew is given where a student is dropped for non-attendance or unsatisfactory work.

Determination of Honor Point Average.—The honor point average is determined by computing the ratio of honor points to semester hours of work attempted. The student receives honor points according to the following scale: A equals 4 honor points per semester hour; B equals 3 honor points per semester hour; C equals 2 honor points per semester hour; D equals 1 honor point per semester hour; E (failure) equals 0 honor points per semester hour; Ew (dropped for non-attendance or unsatisfactory work) equals 0 honor points per semester hour; I (incomplete) equals 0 honor point per semester hour; X (absent from examination) equals 0 honor point per semester hour.

Probation and Exclusion Rules.—University regulations provide that a student who fails fifty per cent or more of his work in any term or semester, will be suspended one semester for poor scholarship and will not be readmitted to the University until the lapse of one semester except upon the approval of a formal petition to the Senate Committee on Student Petitions. A student who has been dropped once and in any subsequent period of attendance fails fifty per cent or more of his work, shall be suspended for poor scholarship and not be eligible for readmission.

In addition to the University exclusion rules, the following probation and exclusion rules are applicable to all students attending the College of Law:

A student who fails to maintain a 1.8 honor point average for all work attempted in any semester will be placed on probation for the next semester in which he is in attendance. A student on probation will be excluded at the end of the semester unless he maintains a 2.0 honor point average in all work attempted in that semester, or has a 2.0 cumulative honor point average in the total of all work completed with a passing grade prior to February 4, 1950, and all work attempted after February 4, 1950. A student excluded under this rule will not be readmitted except by special action of the faculty of the College of Law.

Grades of I and X will be considered as grades of E for the purpose of computing the honor point average under this provision until such time as they are changed to passing grades, at which time the honor point average will be recomputed on the basis of the permanent grades and the student restored to good standing, continued on probation, or immediately excluded as the application of the foregoing provision may require.

For the purpose of this provision a semester means either (1) the regular fall semester; (2) the regular spring semester; (3) both terms of the summer session, taken as a unit; or (4) if only one term of the summer session is attended, such term and the following regular semester attended, taken as a unit.

DESCRIPTION OF COURSES

LW. 300.—Equity I. 2 hours. 2 credits.

Nature and enforcement of equity decrees; suits to compel surrender of personal property; unjust enrichment as related to equity; equitable jurisdiction over contracts including specific performance and negative specific performance through the use of the injunction. Glenn and Redden, Cases and Materials on Equity, and Maloney's Florida Annotations.

LW. 303.—Contracts, I. 3 hours. 3 credits.

Formation; consideration; third party beneficiaries; writings. Fuller, Basic Contract Law.

LW. 304.—Contracts, II. 3 hours. 3 credits. Prerequisite: LW. 303.

Assignment; performance and breach, impossibility; discharge of contracts. Fuller, Basic Contract Law.

LW. 306.—Domestic Relations. 2 hours. 2 credits.

Contract to marry; marriage; consent; formalities; status of wife and child; annulment; divorce and separation. Jacobs, Cases on Domestic Relations, 2d edition.

LW. 308.—Procedure, I. 3 hours. 3 credits.

Formerly "Common Law Pleading." The actions; comparison of legal and equitable remedies, civil wrongs, and crimes. Casebook to be selected.

LW. 309.—Property, I. 2 hours. 2 credits.

Emphasis on personal property; possession, and rights based thereon; acquisition of title; bailments; liens, and pledges. Warren, Cases on Property, 2d edition; mimeographed cases and comments.

LW. 312.—Property, II. 2 hours. 2 credits.

Introduction to law of real property; types of estates; origin and development of methods of creating and transferring estates. Mimeographed materials.

LW. 321.—Torts, I. 2 hours. 2 credits.

Bases of liability for accidental harm including a study of earlier developments and of bases other than fault; introduction to negligence, including a study of standards of conduct, proof of breach, and causation. Shulman and James, Cases and Materials on Torts.

LW. 322.—Torts, II. 2 hours. 2 credits.

Additional study of negligence including defenses and damages recoverable; liability of occupiers and owners of land; liability arising from motor vehicle accidents; defamation; certain intentional harms including assault and battery, false imprisonment, and misuse of legal process. Shulman and James, Cases and Materials on Torts, and Maloney's supplemental materials.

LW. 325.—Criminal Law and Procedure, I. 2 hours. 2 credits.

Sources of state and federal criminal law; nature of crime, the elements of crime in general; the elements of particular crimes at common law and in Florida; applicable criminal statutes of Florida. Mikell, Cases on Criminal Law and Procedure, 3d edition.

LW. 326.—Criminal Law and Procedure, II. 2 hours. 2 credits.

Further consideration of the elements of particular crimes at common law and in Florida; defenses to crimes; criminal procedure in Florida and federal courts as presented by Florida statutes; the Federal Rules of Criminal Procedure and their construction. Mikell, Cases on Criminal Law and Procedure, 3d edition.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

LW. 330.—Administrative Process. 2 hours. 2 credits.

Creation and operation of administrative agencies; constitutional limitations; the Federal Administrative Procedure Act; rule making and adjudication; enforcement; judicial review. Gelhorn, Cases and Materials on Administrative Law, 2d edition.

LW. 401.—United States Constitutional Law, I. 2 hours. 2 credits.

Introduction to public law, emphasizing technique of analyzing opinions and construing statutes; procedural steps in reaching the Supreme Court; basic aspects of the governmental functions, procedural due process, interstate commerce, taxation, and substantive due process; a glance at other federal functions. Dowling, Cases on Constitutional Law, 4th edition.

LW. 402.—Evidence. 4 hours. 4 credits.

Witnesses, including competency, privilege, examination, impeachment and rehabilitation; character evidence; hearsay and the exceptions to its exclusion; opinion; real evidence; proof of execution of writings; the "best-evidence" rule; judicial notice, presumptions, and burden of proof. Morgan and Maguire, Cases on Evidence, 2d edition.

LW. 403.—Agency. 2 hours. 2 credits.

A consideration from the points of view of the principal, the agent, the master, the servant, and third parties, of the rights and liabilities, both in contract and in tort when applicable, that arise from the principal and agent and master and servant relationships. Problems deal with the agent's authority, express, implied, and apparent; ratification; termination of agent's power; agent's liability on contract; principal's and agent's rights as against each other; the undisclosed principal; vicarious liability. Mechem, Cases and Materials on Agency, 3d edition.

LW. 404.—Restitution. 2 hours. 2 credits.

Restitutionary remedies at law and in equity, including quasi contract, equitable accounting, subrogation, constructive trust, and equitable lien; choice of remedies; restitution for benefits conferred through mistake, fraud, duress, or under illegal contracts or contracts impossible to perform. Durfee and Dawson, Cases on Remedies, Vol. II, Restitution at Law and in Equity.

LW. 405.—Equity Pleading. 2 hours. 2 credits.

Pleading in equity; parties to and proceedings in a suit in equity; bills in equity; motions, answers and replications; preparation of bills, motions, and answers. Selected materials.

LW. 406.—Private Corporations. 4 hours. 4 credits.

Creation and citizenship; powers and liabilities; corporations and the state; foreign corporations; practice in forming and conducting corporations, preparing by-laws, electing officers, and in conducting corporate business. Wormser and Crane, Cases and Other Materials on Private Corporations.

LW. 407.—Legal Bibliography. 2 hours. 2 credits.

Introduction to the law; objectives of legal education; rudiments of procedure, hierarchy of courts; principles of statutory interpretation, stare docisis, evaluation of cases; nature and use of law books; elementary legal writing. Fryer and Benson, Legal Method.

LW. 408.—Legal Ethics. 1 hour.

Organization of the bar; attorneys and professional conduct. Cheatham, Cases on Legal Profession.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

LW. 409.—Property, III. 3 hours. 3 credits.

Titles and conveyancing; adverse possession; adverse user; recording acts; the execution of deeds; covenants for title; after-acquired titles; covenants running with the land; creation of easements and profits; licenses. Casebook to be selected.

LW. 411.—Florida Constitutional Law. 2 hours. 2 credits. Prerequisite: LW. 401.

Composition and jurisdiction of Florida judiciary; writs and appeals; major limitations on legislative and executive action; procedural and substantive due process in Florida; general and special laws; distinction between constitutional and statutory administrative agencies; homesteads; boundaries and state jurisdiction; taxation and finance; counties and municipalities; miscellaneous limitations; amendments and constitutional revision. Selected cases and materials.

LW. 413.—Procedure, II. 3 hours. 3 credits.

Formerly "Florida Civil Practice." Commencement of actions; joinder and consolidation of actions; locality; parties; process; appearance; special statutory proceedings. Federal Rules of Civil Procedure, Florida Common Law Rules of Civil Procedure, and other materials to be selected.

LW. 415.—Abstracts. 2 hours. 2 credits. Prerequisite: LW. 312.

Abstracts of title; description of land; records of title in Florida; curative acts and limitations acts pertaining to defects of title; the formal requisites of conveyances in Florida; conveyances by married women; conveyances of homestead; conveyances by corporations; the lien of state and federal judgments; federal tax liens. Mimeographed materials.

LW. 416.—Insurance. 2 hours. 2 credits.

Historical background; insurable interest; representations, warranties, exceptions, conditions; construction of contracts; application of contracts; waiver, estoppel, subrogation; assignees, beneficiaries, creditors. Casebook to be selected.

LW. 417.—Partnership. 2 hours. 2 credits.

Formation and nature of various types of unincorporated business organizations, including partnerships, limited partnerships, joint stock companies, business trusts, and defective corporations; partnerships at common law and under the Uniform Partnership Act and Uniform Limited Partnership Act; partnership property, contracts, torts and crimes; partnership by estoppel; rights of partnership creditors contrasted with rights of creditors of individual partners; devices to reduce partnership risks; problems of nonresident partners; termination of partnership; insolvency. Gilmore, Cases on the Law of Partnership, 3d edition. Suggested reading, Crane on Partnership (Hornbook).

LW. 431.—Procedure IV. 2 hours. 2 credits.

Formerly "Appellate Procedure and Judgments". Judgments; appeals, federal and state; writ of error and appeal; extraordinary writs. Casebook to be selected.

LW. 433.—Estates and Trusts, I. 3 hours. 3 credits.

Gratuitous transfers, including interstate succession, wills, gifts inter vivos, gifts causa mortis, and trusts. Mimeographed materials.

LW. 434.—Fiduciary Administration, I. 3 hours. 3 credits. Prerequisite: LW. 433.

Administration of a decedent's estates and non-commercial trusts; steps in the administration of a decedent's estate, whether testate or intestate; powers of the executor, the administrator, and the trustee. Mimeographed materials.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

LW. 435.—Equity II. 2 hours. 2 credits.

Equitable jurisdiction over Torts including protection of rights in land, intangible property, personality, and of public and political interests; rescission and reformation including restitution and quasi-contractual recovery; equitable remedies against unjust situations at law including interpleader, accounting, and bills of peace. Glenn and Redden, Cases and Materials on Equity, and Maloney, Supplemental Florida Annotations.

LW. 436.—United States Constitutional Law, II. 2 hours. 2 credits. Prerequisite: LW. 401.

A study of the allocation of power within the federal system with particular emphasis on selected problems in interstate commerce and due process. Dowling, Cases on Constitutional Law, 4th edition.

LW. 437.—Estates and Trusts, II. 2 hours. 2 credits.

Protection of the family of the transferor; admissibility and effect of extrinsic evidence; ademption, lapse and satisfaction; termination of trusts. Mimeographed materials.

LW. 438.—Fiduciary Administration, II. 2 hours. 2 credits.

The Uniform Principal and Income Act. Problems of the fiduciary in the allocation of interest, income, and expense in the administration of trusts and estates. Mimeographed materials.

LW. 441.—Taxation I. 2 hours. 2 credits.

Nature and purposes of taxation, federal and state; comparison of property and excise taxes; tax jurisdiction; assessment procedures; methods of collecting taxes; remedies of taxpayers for illegal taxation. In addition to the general principles of taxation as presented in both state and federal cases, state tax law, including that of Florida, will be emphasized in this course. Brown, Cases and Materials on Taxation, and 1949 Supplement.

LW. 442.—Taxation II. 2 hours. 2 credits. Prerequisite: LW. 441 (Taxation I).

Elements of federal tax procedure; the federal estate and gift taxes; research in federal taxation. Griswold, Cases and Materials on Federal Taxation (3rd Ed. 1950); Prentice-Hall, Students Tax Law Service.

LW. 502.—Damages. 2 hours. 2 credits.

General principles; non-compensatory damages; foreseeability; certainty; avoidable consequences; interest; value. Specific wrongs; torts; contracts; liquidated damages. Crane, Cases on Damages, 2d edition.

LW. 503.—Public Utilities. 3 hours. 3 credits.

Historical development of concept of "businesses affected with public interest"; statutory limitations on business and fourteenth amendments; franchises and certificates of necessity; monopoly and competition of public utilities; duty to serve public; discrimination in service and rates; rate fixing by contract with private persons and government; public utility commissions, their operation in regulation of rates and services, and right of appeal from their findings; corporate affiliations; holding company regulation; government ownership. Welch, Cases on Public Utility Regulation, 3d edition, and supplementary material.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

LW. 504.—Municipal Corporations. 2 hours. 2 credits.

Nature of municipal corporations; how created, altered, dissolved, classified and controlled; comparison of municipal, state, and federal governments; ordinances; police power; regulation and abatement of nuisances; municipal regulation and licensing of activities; municipal control of highways and rights of abutting owners; zoning and city planning; municipal finance; home rule; initiative, referendum and recall; officers and employees, their election, appointment, removal, and the merit system; rights and remedies of citizens against city and officers, including injunctions, mandamus, and damages for breach of contract and municipal torts; rights and remedies of city against individuals and state. Seasongood, Cases on Municipal Corporations, 2d edition, and supplementary material.

LW. 505.—Federal Jurisdiction. 2 hours. 2 credits.

System of courts created under authority of the United States; jurisdiction; removal of cases from state courts; substantive law applied by federal courts; appellate jurisdiction. Dobie and Ladd, Cases on Federal Jurisdiction and Procedure.

LW. 506.—Negotiable Instruments. 3 hours. 3 credits.

The law of bills, notes, and checks; characteristics requisite for negotiability; methods of negotiation; the holder in due course; equities and personal defenses; absolute defenses; liability of parties; proceedings before and after dishonor; discharge; actions. Britton, Cases on Bills and Notes, 3d edition.

LW. 508.—Conflict of Laws. 3 hours. 3 credits.

Jurisdiction; sources of law and comity; remedies; rights of action; procedure; obligations ex delicto and ex contractu; personal relations; property inheritance; administration of estates; judgments and obligations. Lorenzen, Cases on Conflict of Laws, 5th edition.

LW. 509.—Sales. 2 hours. 2 credits.

Title transfer under sales contracts, and price arrangements and formalities of sales contracts; seller's lien, sales on approval, sale or return, and other devices of the law designed to promote sales; fraudulent transfers; warranties; performance of sales contracts; remedies of seller and buyer. Vold, Cases on Sales, 2d edition.

LW. 513.—Future Interests. 3 hours. 3 credits. Prerequisite: LW. 312.

A study of testamentary and inter vivos transmissions of mixed assets to achieve defined results through differing periods of time and circumstance; conditional estates, gifts to classes, powers, rule against perpetuities, and restraints on alienation. Leach, Cases on Future Interests, 2d edition.

LW. 516.—Practice Court. 2 credits.

Trial practice problems; the preparation and trial of cases.

LW. 518.—Procedure, III. 2 hours. 2 credits.

Formerly "Federal Rules." Complaint, defenses, motions, amendments, pre-trial procedure, depositions, discovery, trials, trials by court or by jury, dismissal of actions, motion for directed verdict, new trials. Federal Rules of Civil Procedure, Florida Common Law Rules of Civil Procedure, and selected cases.

LW. 519.—Trial Practice. 3 hours. 3 credits.

The jury; instructions; trials; verdicts; judgments. McBaine, Cases on Trial Practice, 2d edition.

LW. 520.—Creditors' Rights. 3 hours. 3 credits.

Remedies of the unsecured creditor; bankruptcy. Hanna and MacLachlan, Cases on Creditors' Rights, 4th edition.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

LW. 522.—Admiralty. 2 hours. 2 credits.

Historical background; judicial jurisdiction of maritime causes in actions in rem and in personam in state and federal courts; waters subject to jurisdiction; torts; wrongful death; contracts; what constitutes a vessel; limitations on state and federal legislation; sovereign immunity; maritime liens; rights of seamen, longshoremen and harbor workers; carriage of goods under Harter Act and Hague Rules; charter parties; salvage; general average; marine insurance; pilotage; towage; collision; limitation of liability. Lord and Sprague, Cases on Admiralty, 2d edition. Suggested reading, Robinson on Admiralty (Hornbook).

LW. 527.—Suretyship. 2 hours. 2 credits.

Oral surety promises under statute of frauds; rights, duties, liabilities, and defenses of principal, creditor, surety, cosurety, subsurety, third party beneficiaries and strangers to the contract; surety's rights prior to payment, including right to notice of default, right to compel creditor to proceed against principal or principal's property, and exoneration; surety's rights after payment, including reimbursement, subrogation, and contribution; surety's defenses, including change of creditor or principal, non-disclosure, absence of principal obligation, set-off and counterclaim of principal, release of principal by act of creditor or operation of law, tender of payment and alteration. Simpson, Cases on Suretyship. Suggested reading, Restatement of Security.

LW. 533.—Labor Law. 2 hours. 2 credits.

General theories regarding rights and liabilities involved in the employer-employee relation; union self-help; strike, boycott, picketing; statutory rights and liabilities of employers and employees; the trade agreement. Landis and Manoff, Cases on Labor Law, 2d edition, with supplement.

LW. 534.—Corporate Reorganization. 2 hours. 2 credits.

Merger, consolidation, and termination of corporations; reorganization without judicial supervision; reorganization in equity and under Chapter X of the Bankruptcy Act; some federal tax aspects of reorganization. Casebook to be selected.

LW. 536.—Security Transactions. 3 hours. 3 credits.

Real property mortgages; personal property security, including pledges, chattel mortgages, conditional sales, and trust receipts. Osborne, Cases on Property Security.

LW. 537.—Office Practice. 2 hours. 2 credits.

A practical study of the daily work of the lawyer in the conduct and management of a law office; instruction and practice in the drafting and preparation of contracts, deeds, mortgages, conditional sales, mechanics' liens, leases, wills, and other legal instruments. McCarty, Law Office Management; selected Practicing Law Institute materials.

LW. 538.—Seminar in Legal Philosophy. 1 hour. 1 credit.

Creation of an awareness of concepts, with emphasis on the interrelation of justice and law; views of great philosophers on law as one aspect of their philosophical systems; schools of legal thought; methodology of judiciary; analysis of assumptions made in formulating familiar doctrines in the law. Each student will lead a discussion and submit an original essay. Limited to students in their fourth, fifth or sixth semesters. Preference for enrollment accorded to those in their final semester. Cairns, Legal Philosophy from Plato to Hegel, and collateral reading.

LW. 539.—Estate Planning. 2 hours. 2 credits.

Development of estate problems. The solution, mitigation, and off-setting of estate problems. Practical procedures for use in planning the small and large estate. Mimeographed materials.

The statement "Offered 1" means offered first semester; 2, second semester; 3, summer session.

LW. 540.—Seminar in Comparative Commercial Law. 2 hours. 2 credits.

A study of the formal sources of law in western European and Latin American countries; a brief survey of the basic constitutional concepts and organization of the judicial systems of selected Latin-American countries; statutes, cases and readings designed to acquaint students with some of the legal questions which arise in commercial transactions with Civil Law countries. Emphasis will be placed on the legal systems of Latin-American countries in a manner designed to give the student an understanding of and familiarity with some of the concepts basic to dealings with Latin-American lawyers or businessmen. Enrollment limited to students in their fifth or sixth semesters. Materials to be assigned.

LW. 541.—Taxation III. 2 hours. 2 credits. Prerequisites: LW. 441 (Taxation I) and LW. 442 (Taxation II).

The federal income tax; research in federal taxation. Griswold, Cases and Materials on Federal Taxation (3rd Ed. 1950); Prentice-Hall, Students Tax Law Service.

LW. 546.—Seminar in Legislative Drafting. 2 hours. 2 credits. Prerequisite: LW. 401 and LW. 411, or permission of instructor. Recommended as background: LW. 436 and LW. 504.

Study of the legislative function in operation and its part in government; development and present status of statute law relative to other types of law; nature and purpose of legislative research; legal phraseology; technique of bill-drafting. Intensive work on specific drafting problems, with emphasis on current Florida law, will be undertaken by members of the class. Selected materials.

LW. 590.—Law Review. 1 credit per semester.

Intensive training in research on specific practical problems in Florida and federal law; organizing and editing for publication; style in legal writing. Limited, with or without credit, to students who have completed their first semester and whose average in all previous law courses attempted is at least 2.0 at time of undertaking law review work. Limited for credit to juniors and seniors who have an honor-point average of at least 3.0 either in preceding semester or in all previous law courses attempted, or who have had one semester of satisfactory training, without credit, under Research Editor.

LW. 601.—Legal Research. 1 to 6 credits.

Training in the technique of legal research and writing; creative work is done in connection with specific legal problems.

LAW LIBRARY READING ROOM →

MBERS OF THE STAFF OF THE LAW REVIEW ↓

THE UNIVERSITY RECORD

of the

UNIVERSITY OF FLORIDA

Schedule of Courses

FIRST SEMESTER

1951-52

Vol. XLVI *Series I, No. 8* *August 8, 1951*

Published monthly by the University of Florida, Gainesville, Florida
Entered in the post office in Gainesville, Florida, as second-class matter,
under Act of Congress, August 24, 1912
Office of Publication, Gainesville, Florida

SCHEDULE OF COURSES

FIRST SEMESTER 1951-52

MINIMUM SIZE OF CLASSES

No undergraduate class or section will be continued or offered if, at the end of the regular registration period, prior to the day classes begin for a term or semester, the registration does not meet the following minimum requirements.

For Freshmen and Sophomore classes or sections (the comprehensive courses and courses numbered in the 100's and 200's) the minimum is 12 registrations.

For Junior classes or sections (courses numbered in the 300's) the minimum is 8 registrations.

For Senior classes or sections (courses numbered in the 400's) the minimum is 6 registrations.

ABBREVIATIONS

The following abbreviations have been used to designate buildings:

A	BUILDING A (Accounting)
AD	ADMINISTRATION BUILDING
AN	ANDERSON HALL
AU	AUDITORIUM
B	BUILDING B
BA	BENTON ANNEX
BN	BENTON HALL
C	BUILDING C (Art)
CR	CANCER RESEARCH LABORATORY
DL	DAIRY LABORATORY
E	BUILDING E
EI	ENGINEERING AND INDUSTRIES BUILDING
F	BUILDING F
FG	FLORIDA GYMNASIUM
FL	FLOYD HALL
FM	FARM MACHINE LABORATORY
GH	GREENHOUSE
HT	HORTICULTURE BUILDING
I	BUILDING I (Classrooms)
J	BUILDING J (Biology Lab.)
K	BUILDING K (Classrooms)
LE	LEIGH HALL
LI	LIBRARY
LW	LAW BUILDING
MI	MILITARY BUILDING
N	BUILDING N (Engineering Class Rooms and Laboratories)
NL	NUTRITION LABORATORY
OD	OFFICE D
OE	OFFICE E
OF	OFFICE F
PE	PEABODY HALL
PO	POULTRY LABORATORY
R	BUILDING R (Music)
RE	REED LABORATORY
SC	SCIENCE HALL
SE	SEAGLE BUILDING
SL	SANITARY LABORATORY
U	BUILDING U (Architecture and Art)
UA	UNION ANNEX
VL	VEGETABLE PROCESSING LABORATORY
WA	WALKER HALL
WG	WOMEN'S GYM
WO	WOOD PRODUCTS LABORATORY
YN	YONGE BUILDING
Z	BUILDING Z (Biology and Botany Labs.)

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Student registers for one lecture (2 digit section number) and one discussion (3 digit section number).									
C	11	11		M	10:40	AU			American Institutions
C	11	12		T	9:40	AU			
C	11	13		Th	10:40	AU			
C	11	101	4	MWF	7:40	PE	5		
C	11	102	4	MWF	8:40	PE	5		
C	11	103	4	MWF	9:40	PE	5		
C	11	104	4	MWF	10:40	PE	5		
C	11	105	4	MWF	11:40	PE	5		
C	11	106	4	MWF	12:40	PE	5		
C	11	107	4	MWF	1:40	PE	5		
C	11	108	4	MWF	2:40	PE	5		
C	11	109	4	MWF	3:40	PE	5		
C	11	110	4	MWF	4:40	PE	5		
C	11	111	4	TThS	7:40	PE	5		
C	11	112	4	TThS	8:40	PE	5		
C	11	113	4	TThS	9:40	PE	5		
C	11	114	4	MWF	7:40	PE	206		
C	11	115	4	MWF	8:40	PE	206		
C	11	116	4	MWF	9:40	PE	206		
C	11	117	4	MWF	10:40	PE	206		
C	11	118	4	MWF	11:40	PE	206		
C	11	119	4	MWF	12:40	PE	206		
C	11	120	4	MWF	1:40	PE	206		
C	11	121	4	MWF	2:40	PE	206		
C	11	122	4	MWF	3:40	PE	206		
C	11	123	4	MWF	4:40	PE	206		
C	11	124	4	TThS	7:40	PE	206		
C	11	125	4	TThS	8:40	PE	206		
C	11	126	4	TThS	9:40	PE	206		
C	11	127	4	TThS	10:40	PE	206		
C	11	128	4	MWF	7:40	PE	208		
C	11	129	4	MWF	8:40	PE	208		
C	11	130	4	MWF	9:40	PE	208		
C	11	131	4	MWF	10:40	PE	208		

(Continued on Next Page)

C-1—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
C	11	132	4	MWF	11:40	PE	208		
C	11	133	4	MWF	12:40	PE	208		
C	11	134	4	MWF	1:40	PE	208		
C	11	135	4	MWF	2:40	PE	208		
C	11	136	4	MWF	3:40	PE	208		
C	11	137	4	MWF	4:40	PE	208		
C	11	138	4	TThS	7:40	PE	208		
C	11	139	4	TThS	8:40	PE	208		
C	11	140	4	TThS	9:40	PE	208		
C	11	141	4	MWF	11:40	PE	209		
C	11	142	4	MWF	12:40	PE	209		
C	11	143	4	MWF	1:40	PE	209		
C	11	144	4	MWF	3:40	PE	209		
C	11	145	4	MWF	4:40	PE	209		
C	11	146	4	TThS	7:40	PE	209		
C	11	147	4	TThS	9:40	PE	209		
C	12	21		W	9:40	AU			American Institutions
C	12	22		F	10:40	AU			
C	12	201	4	MWF	7:40	PE	209		
C	12	202	4	MWF	8:40	PE	209		
C	12	203	4	MWF	9:40	PE	209		
C	12	204	4	MWF	10:40	PE	209		
C	12	205	4	MWF	2:40	PE	209		
C	12	206	4	TThS	8:40	PE	209		

C-2

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
C	21	11		M	7:40	BN	203		The Physical Sciences
C	21	12		M	8:40	BN	203		
C	21	13		M	11:40	BN	203		
C	21	14		M	12:40	BN	203		
C	21	15		M	2:40	BN	203		
C	21	16		M	3:40	BN	203		
C	21	17		W	7:40	BN	203		
C	21	18		W	8:40	BN	203		

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
C	21	19		W	11:40	BN	203		
C	21	20		W	12:40	BN	203		
C	21	21		W	2:40	BN	203		
C	21	101	3	MWF	7:40	BN	205		
C	21	102	3	MWF	8:40	BN	205		
C	21	103	3	MWF	9:40	BN	205		
C	21	104	3	MWF	10:40	BN	205		
C	21	105	3	MWF	11:40	BN	205		
C	21	106	3	MWF	12:40	BN	205		
C	21	107	3	MWF	1:40	BN	205		
C	21	108	3	MWF	2:40	BN	205		
C	21	109	3	MWF	3:40	BN	205		
C	21	110	3	MWF	4:40	BN	205		
C	21	111	3	TThS	7:40	BN	205		
C	21	112	3	TThS	8:40	BN	205		
C	21	113	3	TThS	9:40	BN	205		
C	21	114	3	TThS	10:40	BN	205		
C	21	115	3	TThS	11:40	BN	205		
C	21	116	3	MWF	7:40	K	107		
C	21	117	3	MWF	8:40	K	107		
C	21	118	3	MWF	9:40	K	107		
C	21	119	3	MWF	10:40	K	107		
C	21	120	3	MWF	11:40	K	107		
C	21	121	3	MWF	12:40	K	107		
C	21	122	3	MWF	1:40	K	107		
C	21	123	3	MWF	2:40	K	107		
C	21	124	3	MWF	3:40	K	107		
C	21	125	3	MWF	4:40	K	107		
C	21	126	3	TThS	7:40	K	107		
C	21	127	3	TThS	8:40	K	107		
C	21	128	3	TThS	9:40	K	107		
C	21	129	3	TThS	10:40	K	107		
C	21	130	3	TThS	11:40	K	107		
C	21	131	3	MWF	7:40	K	109		
C	21	132	3	MWF	8:40	K	109		
C	21	133	3	MWF	9:40	K	109		
C	21	134	3	MWF	10:40	K	109		
C	21	135	3	MWF	11:40	K	109		

(Continued on Next Page)

C-2—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
C	21	136	3	MWF	12:40	K	109		
C	21	137	3	MWF	1:40	K	109		
C	21	138	3	MWF	2:40	K	109		
C	21	139	3	MWF	3:40	K	109		
C	21	140	3	MWF	4:40	K	109		
C	21	141	3	TThS	7:40	K	109		
C	21	142	3	TThS	8:40	K	109		
C	21	143	3	TThS	9:40	K	109		
C	21	144	3	TThS	10:40	K	109		
C	21	145	3	TThS	11:40	K	109		
C	21	146	3	MWF	3:40	BN	201		
C	22	201	3	MWF	3:40	BN	210		The Physical Sciences
C	22	202	3	MWF	4:40	BN	210		
C	22	203	3	TThS	7:40	BN	203		
C	22	204	3	TThS	11:40	BN	210		
C	22	206	3	MWF	9:40	BN	203		
C	22	207	3	MWF	10:40	BN	203		

C-3

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students registering for C-31 will register for one lecture section (2 digit section number), one discussion section (3 digit section number beginning with 1), and one writing laboratory section (3 digit section number beginning with 3).									
C	31	11		T	10:40	AU			Reading, Speaking, and Writing
C	31	12		T	12:40	AU			
C	31	13		W	10:40	AU			
C	31	101	4	MTh	7:40	AN	20		
C	31	102	4	TF	7:40	AN	20		
C	31	103	4	WS	7:40	AN	20		
C	31	104	4	MTh	8:40	AN	20		
C	31	105	4	TF	8:40	AN	20		
C	31	106	4	WS	8:40	AN	20		
C	31	107	4	MTh	9:40	AN	20		
C	31	108	4	TF	9:40	AN	20		
C	31	109	4	WS	9:40	AN	20		

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
C	31	110	4	MTh	10:40	AN	20		
C	31	111	4	TF	10:40	AN	20		
C	31	112	4	WS	10:40	AN	20		
C	31	113	4	MTh	11:40	AN	20		
C	31	114	4	TF	11:40	AN	20		
C	31	115	4	WS	11:40	AN	20		
C	31	116	4	MW	12:40	AN	20		
C	31	117	4	TF	12:40	AN	20		
C	31	118	4	MW	1:40	AN	20		
C	31	119	4	TF	1:40	AN	20		
C	31	120	4	MW	2:40	AN	20		
C	31	121	4	TF	2:40	AN	20		
C	31	122	4	MW	3:40	AN	20		
C	31	123	4	TF	3:40	AN	20		
C	31	124	4	MW	4:40	AN	20		
C	31	125	4	TF	4:40	AN	20		
C	31	126	4	MTh	7:40	AN	307		
C	31	127	4	WS	7:40	AN	307		
C	31	128	4	MTh	8:40	AN	307		
C	31	129	4	TF	8:40	AN	307		
C	31	130	4	WS	8:40	AN	307		
C	31	131	4	MTh	9:40	AN	307		
C	31	132	4	WS	9:40	AN	307		
C	31	133	4	MTh	10:40	AN	307		
C	31	134	4	TF	10:40	AN	307		
C	31	135	4	WS	10:40	AN	307		
C	31	136	4	MTh	11:40	AN	307		
C	31	137	4	WS	11:40	AN	307		
C	31	138	4	MW	12:40	AN	307		
C	31	139	4	TF	12:40	AN	307		
C	31	140	4	MW	1:40	AN	307		
C	31	141	4	TF	1:40	AN	307		
C	31	142	4	MW	3:40	AN	307		
C	31	143	4	TF	3:40	AN	307		
C	31	144	4	MW	4:40	AN	307		
C	31	145	4	TF	4:40	AN	307		
C	31	146	4	MTh	7:40	AN	311		
C	31	147	4	WS	7:40	AN	311		

(Continued on Next Page)

C-3—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
C	31	148	4	MTh	8:40	AN	311		
C	31	149	4	TF	8:40	AN	311		
C	31	150	4	WS	8:40	AN	311		
C	31	151	4	MTh	9:40	AN	311		
C	31	152	4	WS	9:40	AN	311		
C	31	153	4	MTh	10:40	AN	311		
C	31	154	4	TF	10:40	AN	311		
C	31	155	4	WS	10:40	AN	311		
C	31	156	4	MTh	11:40	AN	311		
C	31	157	4	WS	11:40	AN	311		
C	31	158	4	MW	12:40	AN	311		
C	31	159	4	TF	12:40	AN	311		
C	31	160	4	MW	1:40	AN	311		
C	31	161	4	TF	1:40	AN	311		
C	31	162	4	MW	3:40	AN	311		
C	31	163	4	TF	3:40	AN	311		
C	31	164	4	MW	4:40	AN	311		
C	31	165	4	TF	4:40	AN	311		
C	31	301		M	7:40- 9:30	AN	203		
C	31	302		M	7:40- 9:30	AN	209		
C	31	303		M	9:40-11:30	AN	203		
C	31	304		M	9:40-11:30	AN	209		
C	31	305		M	11:40- 1:30	AN	203		
C	31	306		M	11:40- 1:30	AN	209		
C	31	307		M	1:40- 3:30	AN	203		
C	31	308		M	1:40- 3:30	AN	209		
C	31	309		M	3:40- 5:30	AN	203		
C	31	310		M	3:40- 5:30	AN	209		
C	31	311		T	7:40- 9:30	AN	203		
C	31	312		T	7:40- 9:30	AN	209		
C	31	313		T	9:40-11:30	AN	203		
C	31	314		T	9:40-11:30	AN	209		
C	31	315		T	11:40- 1:30	AN	203		
C	31	316		T	11:40- 1:30	AN	209		
C	31	317		T	1:40- 3:30	AN	203		
C	31	318		T	1:40- 3:30	AN	209		
C	31	319		T	3:40- 5:30	AN	203		
C	31	320		T	3:40- 5:30	AN	209		

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
C	31	321		W	3:40- 5:30	AN	203		
C	31	322		W	3:40- 5:30	AN	209		
C	31	323		Th	7:40- 9:30	AN	203		
C	31	324		Th	7:40- 9:30	AN	209		
C	31	325		Th	9:40-11:30	AN	203		
C	31	326		Th	9:40-11:30	AN	209		
C	31	327		Th	11:40- 1:30	AN	203		
C	31	328		Th	11:40- 1:30	AN	209		
C	31	329		F	7:40- 9:30	AN	203		
C	31	330		F	7:40- 9:30	AN	209		
C	31	331		F	9:40-11:30	AN	203		
C	31	332		F	9:40-11:30	AN	209		
C	31	333		F	11:40- 1:30	AN	203		
C	31	334		F	11:40- 1:30	AN	209		
C	31	335		F	1:40- 3:30	AN	203		
C	31	336		F	1:40- 3:30	AN	209		
C	31	337		F	3:40- 5:30	AN	203		
C	31	338		F	3:40- 5:30	AN	209		
C	31	339		S	7:40- 9:30	AN	203		
C	31	340		S	7:40- 9:30	AN	209		
C	31	341		S	9:40-11:30	AN	203		
C	31	342		S	9:40-11:30	AN	209		

Students registering for C-32 will register for the lecture section (2 digit section number), one discussion section (3 digit section number beginning with 2), and one writing laboratory section (3 digit section number beginning with 4).

C	32	21		M	1:40	AU			Reading, Speaking, and Writing
C	32	201	4	MW	2:40	AN	307		
C	32	202	4	TF	7:40	AN	307		
C	32	203	4	TF	9:40	AN	307		
C	32	204	4	TF	11:40	AN	307		
C	32	205	4	TF	2:40	AN	307		
C	32	206	4	MW	2:40	AN	311		
C	32	207	4	TF	7:40	AN	311		
C	32	208	4	TF	9:40	AN	311		
C	32	209	4	TF	11:40	AN	311		
C	32	210	4	TF	2:40	AN	311		
C	32	401		W	7:40- 9:30	AN	203		

(Continued on Next Page)

C-3—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
C	32	402		W	7:40- 9:30	AN	209		
C	32	403		W	9:40-11:30	AN	203		
C	32	404		W	9:40-11:30	AN	209		
C	32	405		W	11:40- 1:30	AN	203		
C	32	406		W	11:40- 1:30	AN	209		
C	32	407		Th	1:40- 3:30	AN	203		
C	32	408		Th	1:40- 3:30	AN	209		

C-41

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
C	41	1	3	MWF	7:40	AD	208		Practical Logic
C	41	2	3	MWF	8:40	AD	208		
C	41	3	3	MWF	8:40	AD	207		
C	41	4	3	MWF	9:40	AD	208		
C	41	5	3	MWF	9:40	AD	207		
C	41	6	3	MWF	10:40	AD	208		
C	41	7	3	MWF	10.40	AD	207		
C	41	8	3	MWF	11:40	AD	208		
C	41	9	3	MWF	11:40	AD	207		
C	41	10	3	MWF	12:40	AD	208		
C	41	11	3	MWF	1:40	AD	208		
C	41	12	3	MWF	1:40	AD	207		
C	41	13	3	MWF	2:40	AD	208		
C	41	14	3	MWF	3:40	AD	208		
C	41	15	3	TThS	7:40	AD	208		
C	41	16	3	TThS	8:40	AD	208		
C	41	17	3	TThS	9:40	AD	208		
C	41	18	3	TThS	9:40	AD	207		
C	41	19	3	TThS	10:40	AD	208		
C	41	20	3	MWF	7:40	AD	207		

C-42

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
C	42	1	3	MWF	7:40	PE	2		Fundamental Mathematics
C	42	2	3	MWF	7:40	PE	7		
C	42	3	3	TThS	7:40	PE	2		
C	42	4	3	TThS	7:40	PE	7		
C	42	5	3	MWF	8:40	PE	2		
C	42	6	3	MWF	8:40	PE	7		
C	42	7	3	TThS	8:40	PE	2		
C	42	8	3	TThS	8:40	PE	7		
C	42	9	3	MWF	9:40	PE	2		
C	42	10	3	MWF	9:40	PE	7		
C	42	11	3	TThS	9:40	PE	2		
C	42	12	3	MWF	10:40	PE	2		
C	42	13	3	MWF	10:40	PE	7		
C	42	14	3	TThS	10:40	PE	2		
C	42	15	3	MWF	11:40	PE	2		
C	42	16	3	MWF	11:40	PE	7		
C	42	17	3	TThS	11:40	PE	2		
C	42	18	3	MWF	12:40	PE	2		
C	42	19	3	MWF	12:40	PE	7		
C	42	20	3	MWF	1:40	PE	2		
C	42	21	3	MWF	1:40	PE	7		
C	42	22	3	MWF	2:40	PE	2		
C	42	23	3	MWF	3:40	PE	2		
C	42	24	3	MWF	4:40	PE	2		
C	42	25	3	F	7:00-9:30 PM	PE	2		

C-5

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students register for one lecture (2 digit section number) and one discussion (3 digit section number).									
C	51	11		T	8:40	R	122		The Humanities
C	51	12		W	11:40	R	122		
C	51	13		Th	8:40	R	122		
C	51	14		Th	11:40	R	122		
C	51	101	4	MWF	7:40	AN	112		
C	51	102	4	MWF	8:40	AN	112		

(Continued on Next Page)

C-5—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
C	51	103	4	MWF	9:40	AN	112		
C	51	104	4	MWF	10:40	AN	112		
C	51	105	4	MWF	11:40	AN	112		
C	51	106	4	MWF	12:40	AN	112		
C	51	107	4	MWF	1:40	AN	112		
C	51	108	4	MWF	2:40	AN	112		
C	51	109	4	MWF	3:40	AN	112		
C	51	110	4	MWF	4:40	AN	112		
C	51	111	4	TThS	7:40	AN	112		
C	51	112	4	TThS	8:40	AN	112		
C	51	113	4	TThS	9:40	AN	112		
C	51	114	4	TThS	10:40	AN	112		
C	51	115	4	TThS	11:40	AN	112		
C	51	116	4	MWF	7:40	AN	113		
C	51	117	4	MWF	8:40	AN	113		
C	51	118	4	MWF	9:40	AN	113		
C	51	119	4	MWF	10:40	AN	113		
C	51	120	4	MWF	11:40	AN	113		
C	51	121	4	MWF	12:40	AN	113		
C	51	122	4	MWF	1:40	AN	113		
C	51	123	4	MWF	2:40	AN	113		
C	51	124	4	MWF	3:40	AN	113		
C	51	125	4	TThS	8:40	AN	113		
C	51	126	4	TThS	9:40	AN	113		
C	51	127	4	TThS	10:40	AN	113		
C	51	128	4	MWF	7:40	AN	115		
C	51	129	4	MWF	8:40	AN	115		
C	51	130	4	MWF	9:40	AN	115		
C	51	131	4	MWF	10:40	AN	115		
C	51	132	4	MWF	11:40	AN	115		
C	51	133	4	MWF	12:40	AN	115		
C	51	134	4	MWF	1:40	AN	115		
C	51	135	4	MWF	2:40	AN	115		
C	51	136	4	MWF	3:40	AN	115		
C	51	137	4	TThS	8:40	AN	115		
C	51	138	4	TThS	9:40	AN	115		
C	51	139	4	TThS	10:40	AN	115		

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students register for one lecture (2 digit section number) and one discussion (3 digit section number).									
C	52	21		T	1:40	R	122		The Humanities
C	52	22		W	9:40	R	122		
C	52	201	4	MWF	7:40	AN	13		
C	52	202	4	MWF	8:40	AN	13		
C	52	203	4	MWF	9:40	AN	13		
C	52	204	4	MWF	10:40	AN	13		
C	52	205	4	MWF	11:40	AN	13		
C	52	206	4	MWF	12:40	AN	13		
C	52	207	4	MWF	1:40	AN	13		
C	52	208	4	MWF	2:40	AN	13		
C	52	209	4	MWF	3:40	AN	13		
C	52	210	4	TThS	8:40	AN	13		
C	52	211	4	TThS	9:40	AN	13		
C	52	212	4	TThS	10:40	AN	13		

C-6

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
C	61	101	3	MWF	7:40	I	101		Biological Science
C	61	102	3	MWF	8:40	I	101		
C	61	103	3	MWF	9:40	I	101		
C	61	104	3	MWF	10:40	I	101		
C	61	105	3	MWF	11:40	I	101		
C	61	106	3	MWF	12:40	I	101		
C	61	107	3	MWF	1:40	I	101		
C	61	108	3	MWF	2:40	I	101		
C	61	109	3	MWF	3:40	I	101		
C	61	110	3	MWF	4:40	I	101		
C	61	111	3	TThS	7:40	I	101		
C	61	112	3	TThS	8:40	I	101		
C	61	113	3	TThS	9:40	I	101		
C	61	114	3	TThS	10:40	I	101		
C	61	115	3	TThS	11:40	I	101		
C	61	116	3	MWF	7:40	I	107		
C	61	117	3	MWF	8:40	I	107		

(Continued on Next Page)

C-6—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
C	61	118	3	MWF	9:40	I	107		
C	61	119	3	MWF	10:40	I	107		
C	61	120	3	MWF	11:40	I	107		
C	61	121	3	MWF	12:40	I	107		
C	61	122	3	MWF	1:40	I	107		
C	61	123	3	MWF	2:40	I	107		
C	61	124	3	MWF	3:40	I	107		
C	61	125	3	MWF	4:40	I	107		
C	61	126	3	TThS	7:40	I	107		
C	61	127	3	TThS	8:40	I	107		
C	61	128	3	TThS	9:40	I	107		
C	61	129	3	TThS	10:40	I	107		
C	61	130	3	TThS	11:40	I	107		
C	62	201	3	MWF	7:40	I	109		Biological Science
C	62	202	3	MWF	8:40	I	109		
C	62	203	3	MWF	9:40	I	109		
C	62	204	3	MWF	10:40	I	109		
C	62	205	3	MWF	11:40	I	109		
C	62	206	3	MWF	12:40	I	109		
C	62	207	3	MWF	1:40	I	109		
C	62	208	3	MWF	2:40	I	109		
C	62	209	3	MWF	3:40	I	109		
C	62	210	3	MWF	4:40	I	109		
C	62	211	3	TThS	7:40	I	109		
C	62	212	3	TThS	8:40	I	109		
C	62	213	3	TThS	9:40	I	109		
C	62	214	3	TThS	10:40	I	109		
C	62	215	3	TThS	11:40	I	109		

ACCOUNTING

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
ATG	211	1	3	MWF	7:40	A	1	Scott, N. H.	Elementary Accounting
ATG	211	2	3	TThS	7:40	A	4	Ray, D. D.	
ATG	211	3	3	MWF	8:40	A	4	Deinzer, H. T.	
ATG	211	4	3	TThS	8:40	A	4	Deinzer, H. T.	
ATG	211	5	3	MWF	9:40	A	4	DaVault, J. W.	
ATG	211	6	3	TThS	9:40	A	4	Scott, N. H.	
ATG	211	7	3	MWF	10:40	A	4	Ray, D. D.	
ATG	211	8	3	MWF	11:40	A	4	Summerhill, G. W.	
ATG	211	9	3	MWF	11:40	A	3	Moore, J. F.	
ATG	211	10	3	TThS	11:40	A	4	Codding, J. L.	
ATG	211	11	3	MWF	12:40	A	2	Moshier, W. F.	
ATG	211	12	3	MWF	1:40	A	2	Moore, J. F.	
ATG	211	13	3	MWF	2:40	A	2	Summerhill, G. W.	
ATG	212	1	3	TThS	7:40	A	1	Anderson, C. A.	Elementary Accounting
ATG	212	2	3	MWF	8:40	A	1	Parker, W. D.	
ATG	212	3	3	TThS	8:40	A	1	Moore, J. F.	
ATG	212	4	3	TThS	9:40	A	1	Parker, W. D.	
ATG	212	5	3	MWF	10:40	A	1	Codding, J. L.	
ATG	212	6	3	MWF	12:40	A	3	Codding, J. L.	
ATG	212	7	3	MWF	1:40	A	3	Ray, D. D.	
ATG	212	8	3	TThS	10:40	A	1	Scott, N. H.	
ATG	214		3	MWF	2:40	A	1	Peterson, E. G.	Federal Income Tax for Individuals
ATG	311	1	3	MWF	8:40	A	2	Anderson, C. A.	Accounting Principles
ATG	311	2	3	TThS	9:40	A	2	Ray, D. D.	
ATG	312	1	3	MWF	10:40	A	3	Peterson, E. G.	Accounting Principles
ATG	312	2	3	TThS	11:40	A	3	Parker, W. D.	
ATG	313	1	3	TThS	11:40	A	2	Moore, J. F.	Cost Accounting
ATG	313	2	3	MWF	1:40	A	1	Codding, J. L.	
ATG	411	1	3	MWF	8:40	A	3	Moshier, W. F.	Advanced Accounting
ATG	411	2	3	TThS	9:40	A	3	Moshier, W. F.	
ATG	412	1	3	MWF	9:40	A	3	Matthies, W. R.	Principles of Auditing
ATG	412	2	3	TThS	8:40	A	3	Matthies, W. R.	
ATG	413		3	TThS	10:40	A	2	Summerhill, G. W.	Advanced Accounting Systems

(Continued on Next Page)

ACCOUNTING—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
ATG	414	1	3	MWF	10:40	A	2	Parker, W. D.	Income Tax Procedure
ATG	414	2	3	TThS	10:40	A	3	Deinzer, H. T.	
ATG	415		3	MWF	11:40	A	2	Moshier, W. F.	Corporate Accounting Problems
ATG	417		3	MWF	9:40	A	1	Scott, N. H.	Governmental Accounting
ATG	418		3	MWF	7:40	A	2	Matthies, W. R.	Advanced Accounting - CPA Problems
ATG	512		3	TThS	10:40	A	4	Matthies, W. R.	Public Accounting: Problems & Reports
ATG	513		3	TThS	8:40	A	2	DaVault, J. W.	Cost and Budgeting Accounting
ATG	517		3	MWF	9:40	A	2	Deinzer, H. T.	Governmental & Municipal Accounting

AERONAUTICAL ENGINEERING

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
AN	301		3	To arrange					Aviation
AN	381		3	MWF	10:40	N	211	Thompson, R. A.	Aerodynamics
AN	383	1	1	T	1:40-5:30	N	211	Polovkas, V. G.	Aeronautical Laboratory
AN	383	2	1	Th	1:40-5:30	N	211	Polovkas, V. G.	
Students taking AN 485 will register for the lecture (Section 1) and one laboratory (Section 11 or 12)									
AN	485	1	3	MW	9:40	N	211		Airplane Design
AN	485	11		M	2:40-5:30	N	211		
AN	485	12		T	1:40-4:30	N	211		
AN	487		3	MWF	8:40	N	211		Aircraft Structures
AN	490		2	TTh	9:40	N	211	Polovkas, V. G.	Aircraft Propulsion
AN	491		1	F	9:40	N	211		Aeronautical Seminar
AN	581		3	To arrange					Advanced Aeronautical Design
AN	582		3	To arrange					Advanced Aeronautical Design
AN	585		3	To arrange					Advanced Aerodynamics
AN	586		3	To arrange					Supersonic Aerodynamics
AN	591		*	To arrange					Special Topics in Aeronautical Engineering
AN	592		*	To arrange					Special Topics in Aeronautical Engineering

Variable: Credit assigned must be [illegible]

AGRICULTURAL CHEMISTRY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking ACY-125 will register for the lecture-demonstration (Section 1) and one recitation (Section 11, 12, 13, 14, or 15).									
ACY	125	1	4	MW	8:40	LE	207	Thomas, G. A.	Agricultural Chemistry
				W	1:40-3:30	LE	207		
ACY	125	11		T	1:40	LE	432		
ACY	125	12		T	2:40	LE	432		
ACY	125	13		Th	12:40	LE	142		
ACY	125	14		F	8:40	LE	142		
ACY	125	15		F	9:40	LE	432		
ACY	208		3	MWF	10:40	LE	118	Senn, V. E.	Agricultural Biochemistry
ACY	431		*	To arrange		FL	101	Senn, V. E.	Agricultural Analysis
ACY	541		3	MWF	8:40	LE	154	Stearns, T. W.	Biochemistry
ACY	543		1	T	8:40-11:30	FL	101	Stearns, T. W.	Biochemistry Laboratory
ACY	570		*	To arrange				Senn, V. E. & Stearns, T. W.	Research in Agricultural Chemistry

* Variable. Credit assigned must be shown on registration blank.

AGRICULTURAL ECONOMICS

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
AS	201		3	MWF	8:40	FL	108	Greenman, J. R.	Agricultural Economics
AS	302		3	MWF	11:40	FL	104	French, A. L.	Agricultural Resources
AS	306		3	MWF	9:40	FL	108	Brooker, M. A.	Farm Management
AS	308		3	TTh	8:40	OD		French, A. L.	Marketing
				W	1:40-3:30	FL	104		
AS	311		2	TTh	9:40	FL	108	Brooker, M. A.	Rural Law
AS	403		3	TTh	8:40	HT	409	Greenman, J. R.	Advanced Farm Management
				T	1:40-3:30	DL	203		
AS	405		3	MWF	8:40	OD		French, A. L.	Agricultural Prices
AS	408	1	3	MWF	10:40	FL	108	Godwin, M. R.	Marketing Fruits & Vegetables
AS	408	2	3	MWF	11:40	FL	108	Godwin, M. R.	
AS	409		3	TTh	10:40	HT	409	Hamilton, H. G.	Cooperative Marketing
				W	3:40-5:30	HT	410		
AS	410		3	MWF	9:40	LI	416	Callander, W. F.	Agricultural Statistics
AS	501		2	M	3:40	HT	410	Greene, R. E. L.	Seminar Agric. Economics
AS	505		3	To arrange				Brooker, M. A.	Research Problems in Farm Management

AGRICULTURAL ENGINEERING

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking AG-301 will register for one lecture (Section 1 or 2) and one laboratory (Section 11, 12, 13, 14, or 15)									
AG	301	1	3	TTh	9:40	FL	210	Choate, R. E.	Drainage and Irrigation
AG	301	2	3	WF	9:40	FL	210	Choate, R. E.	
AG	301	11		T	1:40-3:30	FM			
AG	301	12		T	3:40-5:30	FM			
AG	301	13		W	1:40-3:30	FM			
AG	301	14		Th	10:40-12:30	FM			
AG	301	15		F	1:40-3:30	FM			
AG	302		3	TTh	7:40	FL	210	Choate, R. E.	Farm Motors
				F	10:40-12:30	FM			
Students taking AG-303 will register for one lecture (Section 1 or 2) and one laboratory (Section 11, 12, 13, or 14)									
AG	303	1	3	TTh	8:40	FL	210		Farm Shop
AG	303	2	3	TTh	11:40	FL	210		
AG	303	11		T	1:40- 3:30	FM			
AG	303	12		T	3:40- 5:30	FM			
AG	303	13		Th	1:40- 3:30	FM			
AG	303	14		F	10:40-12:30	FM			
Students taking AG-306 will register for one lecture (Section 1 or 2) and one laboratory (Section 11, 12, 13, or 14)									
AG	306	1	3	MW	8:40	FL	210	Skinner, T. C.	Farm Machinery
AG	306	2	3	MW	10:40	FL	210	Skinner, T. C.	
AG	306	11		T	1:40- 3:30	FM			
AG	306	12		T	3:40- 5:30	FM			
AG	306	13		F	8:40-10:30	FM			
AG	306	14		F	10:40-12:30	FM			
Students taking AG-401 will register for lecture (Section 1) and one laboratory (Section 11 or 12)									
AG	401	1	3	TTh	10:40	FL	210	Skinner, T. C.	Farm Structures
AG	401	11		M	1:40- 3:30	FL	210		
AG	401	12		M	3:40- 5:30	FL	210		
AG	403		2	To arrange				Rogers, F.	Agricultural Engineering Investigations
AG	406		3	TTh	10:40	FL	102	Rogers, F.	Dairy Engineering
				T	3:40- 5:30	FL	102	Rogers, F.	

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking AG-407 will register for lecture (Section 1) and one laboratory (Section 11 or 12)									
AG	407	1	3	M	9:40	FL	210		Farm Shop Power Equipment
AG	407	11		MF	1:40- 3:30	FM			
AG	407	12		MF	3:40- 5:30	FM			
AG	501		2	To arrange					Seminar
AG	570		*	To arrange				Rogers, F.	Research

* Variable. Credit assigned must be shown on registration blank.

AGRICULTURAL EXTENSION

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
AXT	301		3	TThS	10:40	DL	203	Hampson, C. M.	Rural Leadership
AXT	405		3	TThS	9:40	DL	203	Hampson, C. M.	Rural Organization & Programs
AXT	407		3	MWF	11:40	OD		Hampson, C. M.	Agricultural Extension Youth Programs
AXT	421		*	To arrange		HT	307	Hampson, C. M.	Individual Problems in Agricultural Extension Methods
AXT	521		*	To arrange		HT	307	Hampson, C. M.	Special Problems in Agricultural Extension Methods

* Variable. Credit assigned must be shown on registration blank.

AGRONOMY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
AY	221	1	3	MW	8:40	FL	302	Senn, P. H., Rodgers,	General Field Crops
				M	1:40- 3:30	FL	302	E. G., & Grennell, M. G.	
AY	221	2	3	MW	10:40	FL	302	Senn, P. H., Rodgers,	
				W	1:40- 3:30	FL	302	E. G., & Grennell, M. G.	
AY	221	3	3	TTh	8:40	FL	302	Senn, P. H., Rodgers,	
				T	1:40- 3:30	FL	302	E. G., & Grennell, M. G.	
AY	221	4	3	TTh	10:40	FL	302	Senn, P. H., Rodgers,	
				Th	1:40- 3:30	FL	302	E. G., & Grennell, M. G.	
AY	329	1	3	MWF	9:40	FL	302	Hanson, W. D.	Applied Genetics
AY	329	2	3	MWF	11:40	FL	302	Hanson, W. D.	
AY	331		2	T	12:40	FL	302	Hanson, W. D.	Laboratory Problems in Genetics
				Lab. to arrange		FL	304		

(Continued on Next Page)

AGRONOMY—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
AY	426		*	To arrange		FL	302.1	Senn, P. H. & Staff	Individual Problems in Agronomy
AY	452		3	TTh	9:40	AL	1	Hanson, W. D.	Experimental Methods in Agronomy
				Th	3:40- 5:30	AL	1		
AY	492		1	F	1:40	AL	1	Rodgers, E. G.	Agronomy Seminar
AY	526		*	To arrange		FL	302.1	McCloud, D. E. & Rodgers, E. G.	Special Agronomic Problems
AY	527		*	To arrange		FL	302.1	Hanson, W. D.	Special Problems in Genetics and Cytogenetics
AY	535		3	To arrange		AL	1	McCloud, D. E.	Crop Ecology
AY	550		3	To arrange		AL	1	Hanson, W. D.	Research Methods
AY	570		*	To arrange		FL	302.1	Senn, P. H. & Staff	Research in Agronomy

* Variable. Credit assigned must be shown on registration blank.

ANIMAL HUSBANDRY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
AL	309	1	3	TThS	10:40	FL	104	Pace, J. E.	General Animal Husbandry
AL	309	2	3	MWF	9:40	FL	104	Pace, J. E.	
AL	314		3	MWF	3:40- 5:30	FL	104	Pace, J. E. Pearson, A. M.	Livestock Judging
AL	413		3	MW	10:40	FL	102	Wallace, H. D.	Swine Production
				F	3:40- 5:30	FL	102		

Students registering for AL-415 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).

AL	415	1	3	T	8:40	FL	104	Pearson, A. M.	Meat Products
AL	415	11		M	1:40- 5:30	FL	208		
AL	415	12		W	1:40- 5:30	FL	208		
AL	421		1	F	8:40	FL	208	Glasscock, R. S. Koger, M.	Seminar

Students registering for AL-427 will register for one lecture (Section 1 or 2) and one laboratory (Section 11 or 12).

AL	427	1	4	MWF	8:40	FL	104	Wallace, H. D.	Elementary Nutrition
AL	427	2	4	MWF	10:40	FL	104	Wallace, H. D.	

(Continued on Next Page)

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
AL	427	11		T	1:40- 4:30	FL	104		
AL	427	12		Th	1:40- 4:30	FL	104		
AL	501		3	To arrange				Glasscock, R. S. Cunha, T. J.	Advanced Animal Production
AL	509		*	To arrange				Davis, G. K. Shirley, R. L.	Problems in Animal Nutrition
AL	555		*	To arrange				Davis, G. K.	Mineral Nutrition & Metabolism
AL	560		1	To arrange				Davis, G. K.	Special Topics in Animal Nutrition
AL	570		*	To arrange				Cunha, T. J. Davis, G. K. Glasscock, R. S. Koger, M. Pearson, A. M. Wallace, H. D.	Research in Animal Husbandry

*Variable. Credit assigned must be shown on registration blank.

ANTHROPOLOGY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
APY	336		3	MWF	11:40	PE	309	Goggin, J. M.	General Anthropology
APY	401		3	T	1:40- 5:30	PE	301	Goggin, J. M.	Principles of Archeolcgy
APY	403		3	TThS	10:40	PE	309	MacLachlan, J. M.	Culture and Personality
APY	430		3	To arrange				Goggin, J. M.	Individual Work
APY	438		3	MWF	12:40	PE	309	Goggin, J. M.	The North American Indian

ARCHITECTURE

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students registering for AE-101 will register for the lecture (Section 1) and one discussion section (2 digit section number).									
AE	101	1		M	9:40	AU			The Arts of Design
AE	101	11	3	WF	9:40	U	103		
AE	101	12	3	WF	10:40	U	103		
AE	101	13	3	WF	1:40	U	103		
AE	101	14	3	WF	8:40	U	103		

(Continued on Next Page)

ARCHITECTURE—CONTINUED

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
AE	102	1	3	MWF	10:40- 1:30	U	109		Vision and Graphics
AE	102	2	3	MW	1:40- 6:00	U	109		
AE	102	3	3	TF	1:40- 6:00	U	109		
AE	203	1	3	MWF	7:40-10:30	U	108		Basic Design
AE	203	2	3	MWF	1:40- 4:30	U	108		
AE	203	3	3	MWF	10:40- 1:30	U	108		
AE	204	1	3	MWF	7:40-10:30	U	107		Organic Planning
AE	204	2	3	MWF	1:40- 4:30	U	107		
AE	204	3	3	MWF	10:40- 1:30	U	107		
AE	205	1	4	TTh	7:40-10:30	U	107		Building Technology
AE	205	2	4	TTh	10:40- 1:30	U	107		
AE	205	3	4	TTh	7:40-10:30	U	108		
AE	206	1	4	TTh	7:40-10:30	U	109		Building Technology
AE	206	2	4	TTh	10:40- 1:30	U	108		
AE	301		3	(		(			
AE	302		3	(MTWThF	8:40-11:30	(E	174		Projects in Architecture,
AE	303		3	(MTWF ..	12:40- 3:30	(			Group 1
AE	304		3	(6 hours to arrange		(			
AE	305		3	(		(			
AE	306		3	(		(			
AE	307		3	(MTWThF	8:40-11:30	(E	189		Projects in Architecture,
AE	308		3	(MTWF ..	12:40- 3:30	(			Group 2
AE	309		3	(6 hours to arrange		(			
AE	310		3	(		(			
AE	401		3	(		(			
AE	402		3	(MTWThF	8:40-11:30	(E	116		Projects in Architecture,
AE	403		3	(MTWF ..	12:40- 3:30	(			Group 3
AE	404		3	(6 hours to arrange		(			
AE	405		3	(		(			
AE	406		3	(		(			
AE	407		3	(MTWThF	8:40-11:30	(E	157		Projects in Architecture,
AE	408		3	(MTWF ..	12:40- 3:30	(			Group 4
AE	409		3	(6 hours to arrange		(			
AE	410		3	(		(			

(Continued on Next Page)

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
AE	441		3	(		(			
AE	442		3	(MTWThF	8:40-11:30	(E	126		Projects in Architecture, Group 5
AE	443		3	(MTWF	12:40- 3:30	(			
AE	444		3	(6 hours to arrange		(			
AE	445		3	(		(			
AE	446		3	(		(			
AE	447		3	(		(			
AE	448		3	(To arrange		(E	164		Thesis in Architecture
AE	449		3	(		(			
AE	450		3	(		(			
AE	456		3	(		(			
AE	457		3	(		(			
AE	458		3	(To arrange		(E	164		Thesis in Planning
AE	459		3	(		(			
AE	460		3	(		(			
AE	501		*	To arrange		E	161		Architectural Design
AE	502		*	To arrange		E	161		Architectural Design
AE	503		*	To arrange		E	161		Architectural Research
AE	504		*	To arrange		E	161		Architectural Research
AE	505		*	To arrange		E	161		Community Planning
AE	506		*	To arrange		E	161		Community Planning
AE	551		*	To arrange		E	161		Building Construction
AE	552		*	To arrange		E	161		Building Construction
AE	553		*	To arrange		E	161		Structural Design of Buildings
AE	554		*	To arrange		E	161		Structural Design of Buildings

*Variable. Credit assigned must be shown on registration blank.

ART

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
ART	105	1	3	TThS	10:40-12:30	C	100		Art Laboratory
ART	105	2	3	TTh	7:00-10:00PM	C	101		
ART	105	3	3	TTh	7:00-10:00PM	C	100		
ART	121		3	M	9:40	AU			The Visual Arts
				WF	9:40	C	103		
ART	122		3	MWF	10:40-12:30	C	103		Materials and Spatial Design
ART	223		3	MWF	10:40-12:30	C	100		Color and Design
ART	224		3	MWF	1:40- 3:30	C	101		Drawing and Visual Perception
ART	225		3	TThS	8:40-10:30	C	103		Scientific Contributions to Art
ART	226		3	MWF	1:40-3:30	C	100		Pictorial Composition
ART	301		3	MWF	8:40-10:30	C	100		Design I
ART	322		3	MWF	10:40-12:30				Sculpture
ART	331		3	MWF	10:40-12:30	WA	305		Clothing Design
ART	341		3	MW	2:40- 5:30	LE	229		Elementary Photography
ART	392		3	MW	3:40	E	176		Medieval Art
				F	3:40- 5:30	C	101		
ART	403		3	MWF	8:40-10:30	C	101		Design III
ART	494		3	TF	3:40	E	176		Modern Art
				W	3:40- 5:30	C	101		
ART	503		*	To arrange					Art Problems
ART	504		*	To arrange					Art Problems
ART	505		*	To arrange					Art Research
ART	506		*	To arrange					Art Research
ART	509		*	To arrange					Art of the Twentieth Century

* Variable. Credit assigned must be shown on registration blank.

ASTRONOMY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
ATY	141		3	TThS	9:40	PE	10	Rohde, F. V.	Descriptive Astronomy
ATY	301		3	MWF	3:40	PE	10	Rohde, F. V.	Navigation and Nautical Astronomy
ATY	306		3	TThS	8:40	PE	10		Marine Navigation
				[illegible]	[illegible]	PE	10	Cowan, R. W.	General Astronomy

Students taking BCY-301 will register for the lecture (Section 1) and one laboratory (Section 11, 12, 13, 14, or 15).

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
BCY	301	1	4	TTh	9:40	PE	205	Carroll, W. R.	General Bacteriology
BCY	301	11		TTh	1:40- 3:30	BN	108		
BCY	301	12		TTh	3:40- 5:30	BN	108		
BCY	301	13		WF	1:40- 3:30	BN	108		
BCY	301	14		WF	3:40- 5:30	BN	108		
BCY	301	15		TTh	10:40-12:30	BN	108		
BCY	306		4	TTh	8:40	BN	209	Emerson, R. L.	Bacteriology of Foods
				TTh	1:40- 3:30	BN	107		
BCY	404		3	M	2:40	BN	209		Filterable Viruses and Associated Organisms
				WF	3:40- 5:30	BN	107		
BCY	411		4	MW	8:40-11:30	BN	108	Carroll, W. R.	Principles & Practices of Immunology
BCY	413		4	TTh	9:40	BN	209		Physiology of Bacteria
				TTh	10:40-12:30	BN	107		
BCY	440		4	MW	12:40	BN	209	Emerson, R. L.	Special Bacteriology & Sanitation
				MW	1:40- 3:30	BN	107		
BCY	441		3	S	9:40	BN	107		Taxonomic Bacteriology
				TTh	3:30- 5:30	BN	107		
BCY	500		*	To Arrange					Advanced Bacteriology
BCY	555		1	To Arrange					Seminar
BCY	570		*	To Arrange					Research in Bacteriology
BCY	600		*	To Arrange				Hardy, Galton, & Scatterday	Infectious Diseases
BCY	610		*	To Arrange				Hardy, Galton, & Scatterday	Immunology, Advanced
BCY	620		*	To Arrange				Hardy, Galton, & Scatterday	Laboratory Administration
BCY	690		*	To Arrange				Hardy, Galton, & Scatterday	Research

Courses 600 and above are offered in cooperation with State Board of Health Laboratory, Jacksonville. Not open to students on campus.

* Variable. Credit assigned must be shown on registration blank.

BIOLOGY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
BLY	161	11	2	MW	8:40-10:30	J	101	Wallace, H. K.	Biology Laboratory
BLY	161	12	2	MW	10:40-12:30	J	101		
BLY	161	13	2	MW	1:40- 3:30	J	101		
BLY	161	14	2	MW	3:40- 5:30	J	101		
BLY	161	15	2	TTh	8:40-10:30	J	101		
BLY	161	16	2	TTh	10:40-12:30	J	101		
BLY	161	17	2	TTh	1:40- 3:30	J	101		
BLY	161	18	2	TTh	3:40- 5:30	J	101		
BLY	162	11	2	MW	1:40- 3:30	J	202	Westfall, M. J.	Biology Laboratory
BLY	162	12	2	TTh	8:40-10:30	J	202		
BLY	162	13	2	TTh	1:40- 3:30	J	202		
BLY	208		4	MWF	9:40	LE	154	Pierce, E. L.	Invertebrate Zoology
				T	9:40-12:30	Z			
Students taking BLY-209 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
BLY	209	1	4	TTh	10:40	LE	118	Grobman, A. B.	Comparative Vertebrate Anatomy
BLY	209	11		MW	8:40-11:30	J	201		
BLY	209	12		TTh	1:40- 4:30	J	201		
BLY	322		3	MWF	11:40	LE	212	Byers, C. F.	Reading in the Biological Sciences
BLY	325		3	MWF	8:40	LE	432		Genetics and Speciation
BLY	362		4	TTh	8:40	LE	118	Berner, L.	Insect Biology
				TTh	1:40- 4:30	Z			
BLY	401		3	M	1:40	LE	142	Goin, C. J.	Ichthyology
				MW	2:40- 5:30	Z			
BLY	411		*	To Arrange					Individual Problems in Animal Biology
BLY	415		3	M	8:40	LE	142	Sherman, H. B.	Mammalogy
				MW	1:40- 4:30	M	103		
Students taking BLY-425 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
BLY	425	1	4	TTh	9:40	LE	154	Carr, A. F.	Fresh Water Ecology
BLY	425	11		T	1:40- 4:30	Z			
BLY	425	12		S	8:40-11:30	Z			
BLY	431		4	MW	9:40	LE	432	Jones, E. R.	Cytology
				MW	1:40- 4:30	Z			
BLY	481		3	MWF	10:40	LE	142	Allee, W. C.	Animal Sociology I

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
BLY	505		2	TTh	11:40	LE	432	Jones, E. R.	History of Biology
BLY	509		2	TTh	10:40	M	103	Brodkorb, P.	Zoogeography
BLY	522		3	To arrange		M	103	Brodkorb, P.	Advanced Ornithology
BLY	533		2	MW	12:40	LE	154	Oliver, J. A.	Problems and Concepts of Taxonomy and Nomenclature
BLY	541		*	To arrange					Wildlife Conservation
BLY	543		*	To arrange					Research in Ecology
BLY	544		*	To arrange					Research in Fresh Water Biology
BLY	545		*	To arrange					Research in Marine Biology
BLY	546		*	To arrange					Research in Zoogeography
BLY	547		*	To arrange					Research in Game Management
BLY	548		*	To arrange					Research in Acoelomate Invertebrates
BLY	549		*	To arrange					Research in Coelomate Invertebrates
BLY	550		*	To arrange					Research in Parasitology
BLY	551		*	To arrange					Research in Arachnology
BLY	552		*	To arrange					Research in Insect Biology
BLY	553		*	To arrange					Research in Ichthyology
BLY	554		*	To arrange					Research in Herpetology
BLY	555		*	To arrange					Research in Ornithology
BLY	556		*	To arrange					Research in Mammalogy
BLY	557		*	To arrange					Research in Comparative Anatomy
BLY	558		*	To arrange					Research in Embryology
BLY	559		*	To arrange					Research in Experimental Biology
BLY	560		*	To arrange					Research in Cytology
BLY	561		*	To arrange					Research in Histology
BLY	565		*	S	9:40-12:30	CR	10		Seminar in Cancer
BLY	581		*	To arrange				Cambel, P.	Research in Cancer
								Klein, M.	

* Variable. Credit assigned must be shown on registration blank.

BOTANY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking BTY-101 will register for one lecture (Section 1, 2, or 3) and one laboratory (two digit section number).									
BTY	101	1	3	MW	9:40	UA	120	Cody, M. D.	General Botany
BTY	101	2	3	TTh	8:40	UA	120	Davis, J. H.	
BTY	101	3	3	TTh	11:40	UA	120	Ford, E. S.	
BTY	101	11		M	1:40- 3:30	UA	113		
BTY	101	12		T	1:40- 3:30	UA	113		
BTY	101	13		W	1:40- 3:30	UA	113		
BTY	101	14		Th	1:40- 3:30	UA	113		
BTY	101	15		F	1:40- 3:30	UA	113		
BTY	101	16		M	3:40- 5:30	UA	113		
BTY	101	17		T	3:40- 5:30	UA	113		
BTY	101	18		W	3:40- 5:30	UA	113		
Students taking BTY-211 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
BTY	211	1	4	TTh	7:40	UA	120	Powell, R. D.	Plant Physiology
BTY	211	11		MW	1:40- 3:30	Z			
BTY	211	12		TTh	1:40- 3:30	Z			
BTY	305		3	M	10:40	UA	114	Ford, E. S.	Lower Plants
				WF	10:40-12:30	UA	114		
BTY	401		4	TTh	9:40	UA	112	Davis, J. H.	Plant Ecology
				F	1:40- 5:30	UA	112		
BTY	411		3	To arrange		UA	120	Powell, R. D.	Intermediate Plant Physiology
BTY	431		4	TTh	9:40	UA	119	Cody, M. D.	Plant Histology
				MW	3:40- 5:30	UA	119		
BTY	470		*	To arrange					Undergraduate Research
BTY	500		*	To arrange					Advanced Botany
BTY	501		3	To arrange				Davis, J. H.	Vegetation of Florida
BTY	555		1	To arrange				Davis, J. H.	Seminar
BTY	570		4	To arrange					Research in Botany

* Variable. Credit assigned must be shown on registration blank.

BUILDING CONSTRUCTION

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
BCN	301		3	(MTWThF	9:40-11:30	E	175		Projects in Building Construction, Group 1
BCN	302		3	(TTh	11:40	E	175		
BCN	303		3	(MTWF	1:40- 4:30	E	175		
BCN	304		3	(					

(Continued on Next Page)

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
BCN	311		3	(MTWThF	9:40-11:30	E	178		Projects in Building Construction, Group 2
BCN	312		3	(TTh	11:40	E	178		
BCN	313		3	(MTWF	1:40- 4:30	E	178		
BCN	314		3	(					
BCN	401		3	(MTWThF	9:40-11:30	E	188		Projects in Building Construction, Group 3
BCN	402		3	(TTh	11:40	E	188		
BCN	403		3	(MTWF	1:40- 4:30	E	188		
BCN	404		3	(					
BCN	411		3	(MTWThF	9:40-11:30	E	177		Projects in Building Construction, Group 4
BCN	412		3	(TTh	11:40	E	177		
BCN	413		3	(MTWF	1:40- 4:30	E	177		
BCN	414		3	(					

BUSINESS EDUCATION

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
BEN	81	1	2	MTWTh	8:40	YN	306	Maxwell, H. C.	Introductory Typewriting
BEN	81	2	2	MTWTh	11:40	YN	306	Crews, J. W.	
BEN	81	3	2	MTWTh	2:40	YN	306	Crews, J. W.	
BEN	82		1	TTh	7:40	YN	306	Maxwell, H. C.	Intermediate Typewriting
BEN	91	1	3	MTWTh	9:40	YN	305	Crews, J. W.	Introductory Shorthand
BEN	91	2	3	MTWTh	1:40	YN	305	Maxwell, H. C.	
BEN	92		1	MW	7:40	YN	306	Maxwell, H. C.	Intermediate Shorthand
BEN	181		2	MTWTh	10:40	YN	306	Maxwell, H. C.	Advanced Typewriting
BEN	191		3	MTWTh	2:40	YN	305	Braddy, V. L.	Shorthand Dictation
BEN	291		2	MTWTh	9:40	YN	306	Maxwell, H. C.	Shorthand Dictation and Transcription
BEN	351		2	MTWTh	8:40	YN	305	Braddy, V. L.	Office Practice Techniques
BEN	352		2	MTWTh	7:40	YN	305	Braddy, V. L.	Office Machines Techniques
BEN	461		3	M	7:00- 9:30 PM	YN	305	Moorman, J. H.	Principles of Business Education
BEN	561		3	M	7:00- 9:30 PM	YN	305	Moorman, J. H.	Principles of Business Education
BEN	562		3	Th	7:00- 9:30 PM	YN	305	Moorman, J. H.	Teaching Secretarial Studies

BUSINESS ORGANIZATION & OPERATION

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
BS	101		3	MWF	8:40	LW	301	Dietz, J. W.	Introduction to Business
BS	204		3	MWF	8:40	I	205	Johnson, M. M.	Business Ethics
BS	231	1	3	MWF	7:40	LW	301	Emory, C. W.	Principles of Marketing
BS	231	2	3	TThS	8:40	I	209	Breese, W. E.	
BS	231	3	3	MWF	9:40	I	209		
BS	231	4	3	TThS	9:40	I	110	Hardy, F. K.	
BS	231	5	3	MWF	11:40	LW	301	Yoder, L.	
BS	233	1	3	TThS	7:40	LW	301		Salesmanship
BS	233	2	3	MWF	10:40	I	209	Breese, W. E.	
BS	233	3	3	TThS	10:40	LW	301	Yoder, L.	
BS	233	4	3	MWF	11:40	I	209	Breese, W. E.	
BS	233	5	3	MWF	1:40	LW	301	Goodwin, F.	
BS	260	1	3	MWF	7:40	I	102	Pierce, J. E.	Fundamentals of Insurance
BS	260	2	3	TThS	8:40	I	102	Pierce, J. E.	
BS	260	3	3	MWF	11:40	I	102	Sweeney, V. V.	
BS	260	4	3	TThS	11:40	I	102	Sweeney, V. V.	
BS	271	1	3	TThS	8:40	I	108	Summerhill, G. W.	Industrial Management
BS	271	2	3	MWF	1:40	I	108	Hodges, H. G.	
BS	271	3	3	MWF	2:40	I	108	Hodges, H. G.	
BS	334		3	MWF	2:40	LW	301	Goodwin, F.	Sales Management
BS	336	1	3	MWF	9:40	I	203	Yoder, L.	Credits and Collections
BS	336	2	3	TThS	9:40	LW	301	Yoder, L.	
BS	363		3	MWF	1:40	I	102	Crist, G. W.	Life Insurance: Elements
BS	365		3	MWF	8:40	I	203	Pierce, J. E.	Fire Insurance
BS	366		3	TThS	10:40	I	102	Sweeney, V. V.	Casualty Insurance
BS	373	1	3	TThS	7:40	I	210	Oliver, C.	Personnel Management
BS	373	2	3	MWF	8:40	I	210	Oliver, C.	
BS	373	3	3	MWF	11:40	I	205	Oliver, C.	
BS	401	1	3	MWF	7:40	I	201	Wyatt, J. W.	Business Law
BS	401	2	3	MWF	8:40	I	201	Gaitanis, L.	
BS	401	3	3	TThS	8:40	I	201	Wyatt, J. W.	
BS	401	4	3	TThS	9:40	I	201	Wyatt, J. W.	
BS	401	5	3	MWF	10:40	I	201	Hurst, H. C.	
BS	401	6	3	MWF	11:40	I	201	Hurst, H. C.	
BS	402	1	3	MWF	9:40	I	201	Wyatt, J. W.	Business Law
BS	402	2	3	MWF	10:40	I	110	Crist, G. W.	
BS	402	3	3	TThS	10:40	I	201	Hurst, H. C.	
BS	402	4	3	TThS	11:40	I	201	Hurst, H. C.	

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
BS	402	5	3	MWF	2:40	I	102	Crist, G. W.	
BS	403		3	MWF	11:40	A	1	Peterson, E. G.	Law of Business Units
BS	420		3	TThS	9:40	I	203	Richardson, J. G.	Bank Management
BS	422		3	MWF	12:40	I	202	Dietz, J. W.	Investments
BS	424		3	MWF	10:40	I	203	Dietz, J. W.	Investment Analysis
BS	427	1	3	TThS	9:40	I	202	Floyd, J. S.	Corporation Finance
BS	427	2	3	MWF	10:40	I	202	Floyd, J. S.	
BS	427	3	3	MWF	1:40	I	202	McFerrin, J. B.	
BS	428		3	MWF	8:40	I	202	McFerrin, J. B.	Corporation Finance
BS	430	1	3	MWF	10:40	LW	301	Emory, C. W.	Wholesaling
BS	430	2	3	MWF	1:40	I	201	Emory, C. W.	
BS	433	1	3	MWF	11:40	I	110	Hardy, F. K.	Advertising
BS	433	2	3	TThS	11:40	I	110	Hardy, F. K.	
BS	437	1	3	TThS	9:40	I	108	Brohm, H. D.	Retailing
BS	437	2	3	MWF	1:40	I	209	Breese, W. E.	
BS	438	1	3	MWF	8:40	I	110		Sales and Market Analysis
BS	438	2	3	TThS	8:40	LW	301		
BS	439	1	3	MWF	9:40	I	202	Brohm, H. D.	Principles and Problems of Merchandising
BS	439	2	3	TThS	10:40	I	108	Brohm, H. D.	
BS	444		3	TThS	8:40	I	208	Bradbury, R. W.	Ocean Transportation
BS	450		3	MWF	9:40	LW	301	Emory, C. W.	Small Retail Store Management
BS	451		3	TThS	10:40	I	205	Roberts, M. J.	Traffic Management: Rates and Ratemaking
BS	460		3	TThS	9:40	I	102	Pierce, J. E.	Life Insurance: Theory and Special Uses
BS	463		3	TThS	8:40	I	202	Gaitanis, L.	Social Insurance
BS	464		3	TThS	10:40	I	204	Collins, E. C.	Statistical Controls for Management
BS	472	1	3	MWF	7:40	I	207	Luck, T. J.	Collective Bargaining
BS	472	2	3	TThS	8:40	I	207	Luck, T. J.	
BS	474		3	TThS	10:40	I	207	Hodges, H. G.	Purchasing
BS	479		3	MWF	11:40	I	202	Brohm, H. D.	Business Policies
BS	484		3	MWF	9:40	I	102	Crist, G. W.	Legal Aspects of Insurance
BS	487		3	MWF	10:40	I	102	Sweeney, V. V.	Agency Management
BS	521		3	To arrange				Dolbeare, H. B.	Problems in Commercial Banking

(Continued on Next Page)

BUSINESS ORGANIZATION & OPERATION—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
BS	529		3	TThS	9:40	LI	417		International Finance: Monetary Systems
BS	534		3	WF	11:40	LI	417	Goodwin, F.	Problems of Sales Management
				F	10:40	LI	417		
BS	573		3	M	12:40- 3:30	LI	417	Luck, T. J.	Problems in Collective Bargaining
BS	575		3	To arrange				Hodges, H. G.	Management Problems

CHEMICAL ENGINEERING

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
CG	347		4	MWF	8:40	EI	430	Tyner, M.	Industrial Stoichiometry
				M	2:40- 5:30	N	105		
CG	348		4	TThS	10:40	EI	430	Tyner M.	Industrial Stoichiometry & Fuels
				W	2:40- 5:30	N	105		
CG	361		3	MWF	9:40	EI	328	Beisler, W. H.	Materials of Engineering
CG	401		3	TTh	9:40	EI	430	Kimmel, A. L.	Industrial Instrumentation & Control
				T	2:40- 5:30	N	110		
CG	443		2	WF	2:40- 5:30	N	126	Schweyer, H. E.	Chemical Engineering Laboratory
CG	448		3	MWF	10:40	EI	430	Beisler, W. H.	Principles of Chemical Engineering
CG	451		2	TTh	11:40	EI	430	Schweyer, H. E.	Chemical Engineering Economics
CG	468		3	MWF	8:40	EI	420	Duncan, J. M.	Chemical Engineering Thermodynamics
CG	511		3	MWF	8:40	N	203	Emerson, D. L.	Organic Chemical Processing
CG	513		3	MWF	9:40	EI	430		Advanced Chemical Engineering Calculations
CG	522		3	TThS	8:40	EI	430	Tyner, M.	Chemical Engineering Kinetics
CG	525		3	TThS	10:40	EI	346	Brown, W. F.	Chemical Engineering Processing Equipment
CG	541		3	MWF	10:40	N	203	Schweyer, H. E.	Heat Transmission and Fluid Flow

Students registering for Section 1, CY-101, must also register for one discussion (Section 11 thru 22) and one laboratory (Section 111 thru 122).

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
CY	101	1	4	MF	10:40	LE	207		General Chemistry
CY	101	11		M	2:40	LE	212		
CY	101	12		T	7:40	LE	212		
CY	101	13		T	10:40	LE	212		
CY	101	14		T	3:40	LE	212		
CY	101	15		W	9:40	LE	212		
CY	101	16		W	10:40	LE	212		
CY	101	17		Th	8:40	LE	212		
CY	101	18		Th	9:40	LE	212		
CY	101	19		Th	10:40	LE	154		
CY	101	20		Th	12:40	LE	212		
CY	101	21		Th	1:40	LE	142		
CY	101	22		Th	2:40	LE	154		
CY	101	111		T	8:40-11:30	LE	138		
CY	101	112		T	8:40-11:30	LE	138		
CY	101	113		T	8:40-11:30	LE	138		
CY	101	114		T	12:40- 3:30	LE	138		
CY	101	115		T	12:40- 3:30	LE	138		
CY	101	116		T	12:40- 3:30	LE	138		
CY	101	117		W	12:40- 3:30	LE	138		
CY	101	118		W	12:40- 3:30	LE	138		
CY	101	119		W	12:40- 3:30	LE	138		
CY	101	120		W	3:40- 6:30	LE	138		
CY	101	121		W	3:40- 6:30	LE	138		
CY	101	122		W	3:40- 6:30	LE	138		

Students registering for Section 1, CY-102, must also register for one discussion (Section 11, 12, or 13), and for one laboratory (Section 111, 112, 113).

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
CY	102	1	4	TTh	1:40	LE	207		General Chemistry
CY	102	11		W	2:40	LE	212		
CY	102	12		W	3:40	LE	212		
CY	102	13		W	4:40	LE	212		
CY	102	111		M	3:40- 6:30	LE	138		
CY	102	112		M	3:40- 6:30	LE	138		
CY	102	113		T	3:40- 6:30	LE	138		

(Continued on Next Page)

CHEMISTRY—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students registering for CY 105 must also register for one discussion (Section 11 thru 21), and for one Laboratory (Section 111 thru 121).									
CY	105	1	4	TTh	10:40	LE	207	Tucker, W. C.	General Chemistry
CY	105	11		T	9:40	LE	142		
CY	105	12		T	11:40	LE	142		
CY	105	13		T	1:40	LE	142		
CY	105	14		W	8:40	LE	142		
CY	105	15		W	9:40	LE	118		
CY	105	16		W	10:40	LE	154		
CY	105	17		W	12:40	LE	142		
CY	105	18		W	1:40	LE	142		
CY	105	19		W	2:40	LE	142		
CY	105	20		W	3:40	LE	142		
CY	105	21		Th	9:40	LE	142		
CY	105	111		M	12:40- 3:30	LE	138		
CY	105	112		M	12:40- 3:30	LE	138		
CY	105	113		M	12:40- 3:30	LE	138		
CY	105	114		T	3:40- 6:30	LE	138		
CY	105	115		T	3:40- 6:30	LE	138		
CY	105	116		Th	7:40-10:30	LE	138		
CY	105	117		Th	7:40-10:30	LE	138		
CY	105	118		Th	7:40-10:30	LE	138		
CY	105	119		F	1:40- 3:30	LE	138		
CY	105	120		F	1:40- 3:30	LE	138		
CY	105	121		F	1·40- 3:30	LE	138		
Students registering for Section 1, CY-106 must also register for one discussion (Section 11-12), and for one laboratory (Section 111 and 112).									
CY	106	1	4	MF	11:40	LE	207	Rietz, E. G.	General Chemistry & Qualitative Analysis
CY	106	11		T	10:40	LE	154		
CY	106	12		W	11:40	LE	154		
CY	106	111		M	1:40- 4:30	LE	136		
CY	106	112		F	1:40- 4:30	LE	136		
Students taking CY 203 will register for the lecture (Section 1) and one laboratory (Sections 111 thru 116).									
CY	203	1	3	TTh	9:40	LE	207		Qualitative Analysis
CY	203	111		M	1:40- 4:30	LE	136		
CY	203	112		T	1:40- 4:30	LE	136		

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
CY	203	113		T	1:40- 4:30	LE	136		
CY	203	114		W	2:40- 5:30	LE	136		
CY	203	115		W	2:40- 5:30	LE	136		
CY	203	116		F	1:40- 4:30	LE	136		
Students taking CY 205, will register for the lecture (Section 1) and one laboratory (Section 111, 112, or 113).									
CY	205	1	4	TTh	11:40	LE	207	Gropp, A. H.	Introductory Quantitative Analysis
CY	205	111		TTh	8:40-11:30	LE	108		
CY	205	112		TTh	1:40- 4:30	LE	112		
CY	205	113		MW	1:40- 4:30	LE	112		
Students taking CY 262, will register for the lecture (Section 1) and one discussion (Section 11, 12, 13 or 14).									
CY	262	1	3	TTh	7:40	LE	207	Butler, G. B.	Organic Chemistry
CY	262	11		F	8:40	LE	212		
CY	262	12		F	9:40	LE	212		
CY	262	13		F	10:40	LE	212		
CY	262	14		S	8:40	LE	142		
CY	263	1	2	TTh	9:40-12:30	LE	236		Organic Chemistry Laboratory
CY	263	2	2	TTh	1:40- 4:30	LE	236		
CY	263	3	2	WF	1:40- 4:30	LE	236		
Students taking CY 301 will register for the lecture (Section 1) and one discussion (Section 11, 12 or 13), and one laboratory (Section 111, 112, or 113).									
CY	301	1	4	TTh	8:40	LE	207	Rietz, E. G.	Organic Chemistry
CY	301	11		M	1:40	LE	212		
CY	301	12		T	1:40	LE	212		
CY	301	13		Th	1:40	LE	212		
CY	301	111		M	2:40- 5:30	LE	238		
CY	301	112		T	2:40- 5:30	LE	238		
CY	301	113		Th	2:40- 5:30	LE	238		
CY	302		4	TTh	8:40	LE	154		Organic Chemistry
				M	1:40	LE	154		
				M	2:40- 5:30	LE	238		
CY	315		3	TTh	1:40	LE	154	Black, A. P.	Chemistry of Water Treatment
				M	2:40- 5:30	LE	116		
CY	317		4	MWF	9:40	LE	142	Reid, C. E.	Physical Chemistry
				F	1:40- 4:30	LE	204		

(Continued on Next Page)

CHEMISTRY—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking CY 401 will register for the lecture (Section 1) and one discussion (Section 11 or 12).									
CY	401	1	3	MW	11:40	LE	142	Hawkins, J. E.	Physical Chemistry
CY	401	11		F	11:40	LE	142		
CY	401	12		Th	1:40	LE	339		
CY	405	1	1	T	1:40- 4:30	LE	204		Physical Chemistry Laboratory
CY	405	2	1	W	1:40- 4:30	LE	204		
CY	405	3	1	Th	2:40- 5:30	LE	204		
CY	411		3	TTh	11:40	LE	154	Heath, F. H.	Advanced Inorganic Chemistry
				M	1:40- 4:30	LE	236		
CY	413		3	W	1:40	LE	212	Phillips, L. R.	Colorimetric Analysis
				W	2:40- 5:30	LE	116		
				F	1:40- 4:30	LE	116		
CY	415		3	MW	8:40	LE	154	Stearns, T. W.	Biochemistry
				T	1:40- 4:30	FL	101		
CY	481		0.5	M	4:40	LE	142	Pollard, C. B.	Chemical Literature
CY	501		3	T	9:40	LE	432	Butler, G. B.	Organic Preparations
				Laboratory—to arrange					
CY	509		3	MWF	11:40	LE	339	Phillips, L. R.	Electrochemistry of Solutions
CY	515		3	MWF	10:40	LE	339	Heath, F. H.	Special Topics in Inorganic Chemistry
CY	517		3	TTh	10:40	LE	142	Pollard, C. B.;	Synthesis and Structure of Organic Compounds
				Laboratory—to arrange					
CY	521		3	MWF	9:40	LE	339	Hawkins, J. E.	Chemical Thermodynamics
CY	525		3	To arrange				Hawkins, J. E.	Chemistry of the Terpenes
CY	532		3	TTh	8:40	LE	142	Gropp, A. H.	Special Topics in Analytical Chemistry
				Laboratory—to arrange					
CY	548		2	TTh	11:40	LE	212	Senn, V. E.	Biochemistry (Carbohydrates & Lipids)
CY	550		1	To arrange				Senn, V. E.	Biochemistry Laboratory (Carbohydrates & Lipids)
CY	565		3	S	9:40-12:30	CR		Ray, F. E. Gutmann, H. R. or Woislawski, S.	Cancer Research Seminar
CY	570		*	To arrange				Heath, F. H.	Research in Inorganic Chemistry

(Continued on Next Page)

CHEMISTRY—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
CY	571		*	To arrange				Black, A. P. or Gropp, A. H.	Research in Analytical Chemistry
CY	572		*	To arrange				Butler, G. B.; Pollard, C. B. Rietz, E. G.; or Tarrant, Paul	Research in Organic Chemistry
CY	573		*	To arrange				Hawkins, J. E.; Gropp, A. H.; Phillips, L. R. or Reid, C. E.	Research in Physical Chemistry
CY	574		*	To arrange				Hawkins, J. E.	Research in Naval Stores
CY	575		*	To arrange				Black, A. P.	Research in Sanitary Chemistry
CY	576		*	To arrange				Stearns, T. W. or Senn, V. E.	Research in Biochemistry
CY	581		*	To Arrange				Ray, F. E.; Gutmann, H. R. or Woislawski, S.	Research in Cancer

*Variable. Credit assigned must be shown on registration blank.

CIVIL ENGINEERING

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking CL 223 will register for one lecture (Section 1, 2 or 3) and one laboratory (Section 11, 12, 13, 14, 15, or 16)									
CL	223	1	3	MW	8:40	EI	415	Katterhenry, A. A.	Surveying
CL	223	2	3	MW	9:40	EI	415	Katterhenry, A. A.	
CL	223	3	3	TTh	10:40	EI	415	Katterhenry, A. A.	
CL	223	11		M	2:40- 5:30	EI	522	Katterhenry, A. A.	
CL	223	12		T	2:40- 5:30	EI	324	Katterhenry, A. A.	
CL	223	13		W	2:40- 5:30	EI	522	Winsor, A. N.	
CL	223	14		Th	2:40- 5:30	EI	522	Winsor, A. N.	
CL	223	15		F	9:40-12:30	EI	324	Winsor, A. N.	
CL	223	16		Th	9:40-12:30	EI	526		

(Continued on Next Page)

CIVIL ENGINEERING—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking CL 226 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
CL	226	1	3	MW	11:40	EI	411	Winsor, A. N.	Higher Surveying
CL	226	11		M	1:40- 4:30	EI	522	Winsor, A. N.	
CL	226	12		W	1:40- 4:30	EI	522	Winsor, A. N.	
Students taking CL 301 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
CL	301	1	3	T	8:40	EI	522	Winsor, A. N.	Forest Surveying
CL	301	11		T	9:40-12:30	EI	522	Winsor, A. N.	
				T	1:40- 4:30	EI	522		
CL	301	12		T	9:40-12:30	EI	522	Winsor, A. N.	
				T	1:40- 4:30	EI	522		
CL	303		3	TTh	8:40	EI	416	Katterhenry, A. A.	Elements of Photogrammetry
				F	9:40-12:30	EI	522		
CL	311	1	2	WF	2:40- 5:30	EI	320	Dean, G. W.	Structural Drawing
CL	311	2	2	TTh	9:40-12:30	EI	320	Dean, G. W.	
CL	321		3	MWF	11:40	EI	224	Ritter, L. J.	Highways & Airports
Students taking CL 323 will register for one lecture (Section 1 or 2) and one laboratory (Section 11, 12, 13 or 14).									
CL	323	1	3	Th	9:40	EI	224	Comins, H. D.	Materials Laboratory
CL	323	2	3	T	8:40	EI	224	Comins, H. D.	
CL	323	11		TTh	10:40-12:30	EI	120	Bugg, S. L.	
CL	323	12		TTh	12:40- 2:30	EI	120	Comins, H. D.	
CL	323	13		MW	1:40- 3:30	EI	120	Comins, H. D.	
CL	323	14		MW	3:40- 5:30	EI	120	Comins, H. D.	
Students taking CL 326 will register for one lecture (Section 1 or 2) and one laboratory (Section 11, 12 or 13).									
CL	326	1	4	MWF	9:40	EI	416	Firmage, D. A.	Stat. of Simp. Struct.
CL	326	2	4	MWF	10:40	EI	415	Bromilow, F.	
CL	326	11		M	2:40- 5:30	EI	320		
CL	326	12		Th	2:40- 5:30	EI	324	Bromilow, F.	
CL	326	13		T	9:40-12:30	EI	526	Bromilow, F.	
CL	333		3	MWF	10:40	EI	224	Bugg, S. L.	Design in Reinf. Conc.
Students taking CL 335 will register for one lecture (Section 1 or 2) and one laboratory (Section 11, 12 or 13).									
CL	335	1	4	MWF	11:40	EI	415	Spangler, B. D.	Des. in Metals & Timber
CL	335	2	4	MWF	8:40	EI	224	Spangler, B. D.	
CL	335	11		Th	9:40-12:30	EI	416	Spangler, B. D.	
CL	335	12		T	9:40-12:30	EI	416	Spangler, B. D.	
CL	335	13		Th	2:40- 5:30	EI	416	Spangler, B. D.	

(Continued on Next Page)

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
CL	368	1	1	T	2:40- 5:30	EI	120	Comins, H. D.	Str. of Matls. Lab.
CL	368	2	1	Th	2:40- 5:30	EI	120		
CL	368	3	1	F	2:40- 5:30	EI	120		
CL	411	1	1	T	9:40	EI	415	Williams, C. D.	Civil Engineering Seminar
CL	411	2	1	Th	9:40	EI	415	Williams, C. D.	
CL	412		1	F	1:40	EI	415	Bransford, T. L.	Civil Engineering Seminar
CL	415		3	MW	10:40	EI	416	Crabtree, F. H.	City and Regional Planning
				T	9:40-12:30	EI	324		
Students taking CL 424 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
CL	424	1	3	TTh	1:40	EI	415	Zimpfer, W. H.	Soil Mechanics
CL	424	11		F	2:40- 5:30	EI	112	Zimpfer, W. H.	
CL	424	12		M	2:40- 5:30	EI	112	Zimpfer, W. H.	
Students taking CL 426 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
CL	426	1	3	TTh	8:40	EI	415	Kiker, J. E.	Water Supply & Treatment
CL	426	11		T	2:40- 5:30	EI	320	Kiker, J. E.	
CL	426	12		Th	2:40- 5:30	EI	320	Kiker, J. E.	
CL	427		3	F	9:40	EI	204	Jaffe, T.	San. Engr. Lab.
				WF	2:40- 5:30	EI	204		
Students taking CL 429 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
CL	429	1	3	MW	9:40	EI	204	Hendrickson, E. R.	Sewerage
CL	429	11		T	2:40- 5:30	EI	416	Hendrickson, E. R.	
CL	429	12		Th	9:40-12:30	EI	522	Hendrickson, E. R.	
CL	438		3	MWF	9:40	EI	224	Williams, C. D.	Stat. Indet. Structs.
Students taking CL-439 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
CL	439	1	3	MW	1:40	EI	415	Bransford, T. L.	Highway Loc. & Drainage
CL	439	11		W	2:40- 5:30	EI	324	Bransford, T. L.	
CL	439	12		F	2:40- 5:30	EI	324	Bransford, T. L.	
Students taking CL 443 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
CL	443	1	3	MW	1:40	EI	416	Cutts, C. E.	Found. & Harbor Structs.
CL	443	11		W	2:40- 5:30	EI	416	Cutts, C. E.	
CL	443	12		F	2:40- 5:30	EI	416	Cutts, C. E.	
CL	444		3	TTh	1:40	EI	416	Dean, G. W.	Constr. Methods & Est.
				M	2:40- 5:30	EI	324	Spangler, B. D.	
CL	446		3	MW	11:40	EI	416	Firmage, D. A.	Highway Bridges
				Th	9:40-12:30	EI	324		

(Continued on Next Page)

CIVIL ENGINEERING—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
CL	523		*	To arrange				Cutts, C. E.	Adv. Conc. Structures
CL	526		3	To arrange				Bromilow, F.	Three Dimensional Stress Analysis
CL	527		3	To arrange				Hendrickson, E. R.	Adv. San. Engr.
CL	529		3	To arrange				Furman, T. deS.	Adv. San. Engr. Design
CL	538		*	To arrange				Williams, C. D.	Adv. Stat. Indeter. Structures
CL	547		*	To arrange				Ritter, L. J.	Adv. Highway Engr.
CL	548		*	To arrange				Ritter, L. J.	Adv. Soil Mechanics

*Variable Credit. Credit assigned must be shown on the registration blank.

COMMERCIAL ART

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
CT	360		3	TThS	10:40-12:30	WA	307		Layout
CT	361		3	MWF	1:40- 3:30	WA	307		Lettering and Instrumental Drawing
CT	362		3	TThS	8:40-10:30	WA	307		Advertising Design
CT	461		3	MWF	10:40-12:30	WA	306		Projects in Advertising Design, Group I
CT	462		3	TTh	1:40- 4:30	WA	306		Projects in Advertising Design, Group I
CT	463		3	MWF	1:40- 3:30	WA	306		Projects in Advertising Design, Group I

CRAFTS

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
CS	381		3	MWF	10:40-12:30	WA	301		Crafts I
CS	382		3	MWF	1:40- 3:30	WA	301		Crafts II
CS	481		6	MWF 6 hours to arrange	10:40-12:30	WA	304		Ceramics I
CS	483		3	TTh	7:00-10:00 PM	WA	304		Special Problems in Crafts
CS	484		6	MWF 6 hours to arrange	1:40- 3:30	WA	304		Special Problems in Crafts

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students registering for DY-211 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
DY	211	1	3	MW	9:40	DL	203	Wilkowske, H. H. &	Principles of Dairying
DY	211	11		M	1:40- 4:30	DL	110	Wing, J. M.	
DY	211	12		W	1:40- 4:30	DL	110		
DY	318		1	TW	3:40-	DL	110	Mull, L. E. & Sims, J. R.	Grading & Judging Dairy Products
DY	410		2	W	1:40- 5:30	DL	203	Marshall, S. P.	Dairy Cattle Judging and Breeds
DY	411		3	MW	10:40	DL	203	Arnold, P. T. D.	Dairy Cattle Management
				M	1:40- 3:30	DL	203		
DY	413		3	TS	8:40	DL	203	Krienke, W. A.	Market Milk & Milk Plant Products
				S	9:40-12:30	DL	110		
DY	415		3	MW	8:40	DL	203	Mull, L.E. & Sims, J. R.	Ice Cream Manufacture
				T	12:40- 3:30	DL	110		
DY	417		2	M	3:40- 5:30	DL	203	Wilkowske, H. H.	Fermented Milks
				Th	4.40-	DL	110		
DY	419		3	F	9:40-12:30	DL	203	Wilkowske, H. H.	Cheesemaking
				F	1:40- 5:30	DL	110		
DY	420		3	To arrange					Problems in Dairy Technology
DY	421		1	F	8:40	DL	203	Becker, R. B.	Seminar
DY	424		3	MW	11:40	DL	203	Becker, R. B.	Dairy Breeds
				M	3:40- 5:30	DL	202		
DY	508		2	To arrange				Becker, R. B	Methods in Animal Research
DY	520		*	To arrange				Krienke, W. A.	Advanced Dairy Technology
DY	521		*	To arrange				Staff	Problems in Milk & Milk Products
DY	523		*	To arrange				Staff	Problems in Dairy Production

*Variable. Credit assigned must be shown on the registration blank.

ECONOMICS

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
ES	203	1	4	MWF	7:40	PE	1	Ziegler, R. J.	Elementary Statistics
				W	2:40- 4:30	PE	1		
ES	203	2	4	TThS	7:40	PE	1	Ziegler, R. J.	
				M	2:40- 4:30	PE	1		
ES	203	3	4	MWF	8:40	PE	1	Ziegler, R. J.	
				W	12:40- 2:30	PE	1		
ES	203	4	4	TThS	8:40	PE	1	Ziegler, R. J.	
				F	1:40- 3:30	PE	1		
ES	203	5	4	MWF	9:40	PE	1	Anderson, M. D.	
				M	4:40- 6:30	PE	1		
ES	203	6	4	TThS	9:40	PE	1	Anderson, M. D.	
				M	12:40- 2:30	PE	1		
ES	203	7	4	MWF	10:40	PE	1	Webb, J. N.	
				Th	3:40- 5:30	PE	1		
ES	203	8	4	TThS	10:40	PE	1	Jackson, E. L.	
				T	1:40- 3:30	PE	1		
ES	203	9	4	MWF	11:40	PE	1	Jackson, E. L.	
				F	3:40- 5:30	PE	1		
ES	203	10	4	TThS	11:40	PE	1	Karp, J. R.	
				W	4:40- 6:30	PE	1		
ES	203	11	4	MWF	1:40	I	204	Collins, E. C.	
				Th	1:40- 3:30	PE	1		
ES	203	12	4	MWF	2:40	I	204	Collins, E. C.	
				T	3:40- 5:30	PE	1		
ES	205	1	3	MWF	7:40	I	110	Dunn, E. S.	Economic Foundations of Modern Life
ES	205	2	3	TThS	7:40	I	110	Brashear, J. H.	
ES	205	3	3	MWF	8:40	I	106	Dunn, E. S.	
ES	205	4	3	MWF	8:40	I	104	Calohan, C. E.	
ES	205	5	3	MWF	8:40	I	108	Anderson, J. D.	
ES	205	6	3	TThS	8:40	I	106	Brashear, J. H.	
ES	205	7	3	TThS	8:40	I	205	Kennedy, J. W.	
ES	205	8	3	TThS	9:40	I	106	Dunn, E. S.	
ES	205	9	3	MWF	10:40	I	106	Heskin, O. E.	
ES	205	10	3	TThS	10:40	I	106	Karp, J. R.	
ES	205	11	3	TThS	10:40	I	206	Brand, M.	
ES	205	12	3	MWF	11:40	I	106	Heskins, O. E.	
ES	205	13	3	MWF	11:40	I	108	Anderson, J. D.	

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
ES	205	14	3	TThS	11:40	I	106	Calohan, C. E.	
ES	205	15	3	MWF	1:40	I	110	Calohan, C. E.	
ES	206	1	3	MWF	8:40	I	206	Millican, C. N.	Economic Foundations of Modern Life
ES	206	2	3	TThS	8:40	I	206	Millican, C. N.	
ES	206	3	3	MWF	9:40	I	206	Karp, J. R.	
ES	206	4	3	TThS	9:40	I	206	Calohan, C. E.	
ES	206	5	3	MWF	10:40	I	206	Karp, J. R.	
ES	206	6	3	TThS	10:40	I	203	Richardson, J. G.	
ES	206	7	3	MWF	11:40	I	206	Floyd, J. S.	
ES	208		3	MWF	1:40	I	208	Tuttle, F. W.	Economic History of the United States
ES	210		3	TThS	9:40	I	208	Millican, C. N.	Machine Technology in American Life
ES	246		3	TThS	10:40	I	209	Shields, M. W.	The Consumption of Wealth
ES	296		3	TThS	9:40	I	204	Collins, E. C.	Industry and Trade of Latin America
ES	310		3	MWF	11:40	I	208	Qualls, L. L.	Development of Modern Western Economy
ES	321	1	3	MWF	7:40	I	209	Richardson, J. G.	Money and Banking
ES	321	2	3	MWF	8:40	I	209	Richardson, J. G.	
ES	321	3	3	MWF	9:40	I	110	Dolbeare, H. B.	
ES	321	4	3	TThS	10:40	I	210	Dolbeare, H. B.	
ES	321	5	3	MWF	11:40	I	210	Dolbeare, H. B.	
ES	321	6	3	TThS	11:40	I	210	Floyd, J. S.	
ES	327	1	3	MWF	8:40	I	207	Donovan, C. H.	Public Finance
ES	327	2	3	MWF	9:40	I	207	Qualls, L. L.	
ES	327	3	3	TThS	9:40	I	207	Anderson, J. D.	
ES	327	4	3	MWF	11:40	I	207	Donovan, C. H.	
ES	347		3	MWF	10:40	I	208	Bradbury, R. W.	Principles of Foreign Trade
ES	351	1	3	TThS	8:40	AN	2	Bigham, T. C.	Elements of Transportation
ES	351	2	3	MWF	9:40	I	208	Roberts, M. J.	
ES	351	3	3	TThS	9:40	I	205	Bradbury, R. W.	
ES	351	4	3	MWF	10:40	I	104	Roberts, M. J.	
ES	369		3	MWF	9:40	I	205	Webb, J. N.	Sample Surveys — Principles and Applications
ES	372	1	3	MWF	9:40	I	104	Kennedy, J. W.	Labor Problems
ES	372	2	3	TThS	10:40	I	104	Kennedy, J. W.	

(Continued on Next Page)

ECONOMICS—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
ES	404	1	3	TThS	8:40	I	110	Brand, M.	Government Control of Business
ES	404	2	3	MWF	11:40	I	203	Brand, M.	
ES	407	1	3	MWF	7:40	I	208	Fristoe, C. W.	Economic Principles and Problems
ES	407	2	3	MWF	8:40	I	102	Fristoe, C. W.	
ES	407	3	3	TThS	8:40	I	210	Anderson, J. D.	
ES	407	4	3	MWF	9:40	I	210	Blodgett, R. H.	
ES	407	5	3	MWF	10:40	I	210	Blodgett, R. H.	
ES	407	6	3	TThS	10:40	I	110	Dunn, E. S.	
ES	407	7	3	TThS	11:40	PE	112	Eldridge, J. G.	
ES	408	1	3	TThS	8:40	PE	112	Eldridge, J. G.	Economic Principles and Problems
ES	408	2	3	TThS	9:40	I	210	Fristoe, C. W.	
ES	408	3	3	MWF	10:40	I	207	Fristoe, C. W.	
ES	408	4	3	MWF	11:40	PE	112	Eldridge, J. G.	
ES	409		3	TThS	10:40	I	208	Blodgett, R. H.	Comparative Economic Systems
ES	429		3	MWF	10:40	I	205	Jackson, E. L.	Introduction to Business Cycles
ES	454		3	MWF	8:40	I	208	Bigham, T. C.	Principles of Public Utility Economics
ES	469		3	MWF	11:40	I	104	Anderson, M. D.	Business Cycles and Forecasting
ES	476		3	TThS	7:40	I	207	Luck, T. J.	Government in Relation to Labor
ES	477		3	TThS	8:40	I	203	Qualls, L. L.	Problems in Federal Finance
ES	485		3	MWF	10:40	B	114	Diettrich, S. deR.	International Economic Relations
ES	505		3	MWF	8:40	PE	112	Eldridge, J. G.	The Development of Economic Thought
ES	508		3	Th	12:40- 3:30	LI	417	Webb, J. N.	Present-Day Schools of Economic Thought
ES	510		3	MW M	10:40 11:40	LI	417	Tuttle, F. W.	Development of the American Economy

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
ES	522		3	TThS	11:40	LI	417	Jackson, E. L.	Money, Prices and Business Cycles
ES	543		3	F	12:40- 3:30	LI	417	Shields, M. W.	Theory of International Trade
ES	551		3	M	3:40- 6:30	LI	417	Roberts, M. J.	Transportation Policy
ES	569		3	To arrange				Anderson, M. D.	Problems in Statistics and Business Forecasting
ES	572		3	W	3:40- 6:30	LI	417	Kennedy, J. W.	Organized Labor in U.S.
ES	579		3	T	3:40- 6:30	LI	417	Donovan, C. H.	Fiscal Policy
ES	591		3	F	3:40- 6:30	LI	417	Blodgett, R. H.	Neo-Classical Economics

EDUCATION

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
EN	105	1	3	MWF	8:40	YN	138	Winn, C.	Aspects of Human Growth and Development
				T	1:40	YN	138		
EN	105	2	3	MWF	9:40	YN	138	Winn, C.	
				T	2:40	YN	138		
EN	105	3	3	MWF	10:40	YN	138	Laird, D. S.	
				T	3:40	YN	138		
EN	105	4	3	MWF	11:40	YN	138	Laird, D. S.	
				M	2:40	YN	138		
EN	105	5	3	MWF	1:40	YN	138	Laird, D. S.	
				M	3:40	YN	138		
EN	105	6	3	TThS	8:40	YN	138	Watkins, L. E.	
				W	2:40	YN	138		
EN	106	1	3	TTh	9:40	YN	138	Watkins, L. E.	Aspects of Human Growth and Development
				T	2:40- 4:30	YN	134		
EN	106	2	3	TTh	10:40	YN	138	Laird, D. S.	
				F	2:40- 4:30	YN	138		
EN*	301	1	3	MWF	9:40	YN	134	Browne, E. B., Durrance, C. L.	Principles and Practices of the Secondary School Program
EN	301	2	3	TThS	9:40	YN	134	Browne, E. B., McGuire, V.	
EN*	302	1	3	MWF	10:40	YN	134	Browne, E. B., Durrance, C. L.	Principles and Practices of the Secondary School Program

* EN-301, Section 1, and EN-302, Section 1, must be taken concurrently.

(Continued on Next Page)

EDUCATION—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
EN	302	2	3	TThS	10:40	YN	134	Browne, E. B., McGuire, V.	
EN	305		3	T	7:00- 9:30 PM	YN	134	Cox, D. W.	Development and Organization of Education
EN	306		3	MWF	8:40	YN	150	Garris, E. W.	Vocational Education
EN	307	1	15	MTWThF	8:40- 3:30			Leenhouts, L., Hilliard, P.	Children and Learning
EN	307	2	15	MTWThF	8:40- 3:30			McCracken, J., Mitchell, J. O., Tison, J.	
EN	316		3	Th	3:40- 6:30	YN	316	Hines, V. A.	Elementary Quantitative Methods in Education and Psychology
EN	385		3	TThS	8:40	YN	150	McLendon, I. R.	Child Development
EN	386		3	MWF	11:40	YN	134	Lewis, H. G.	Educational Psychology
EN	405		15	MTWThF	8:40- 3:30			Green, E., Leenhouts, L., Mitchell, J. O.	The Practicum
EN	409		3	F**	10:40	YN	150	Loften, W. T.	Supervised Teaching in Vocational Agriculture
EN	411		2	MW	10:40	YN	150	Loften, W. T.	Adult Methods in Vocational Agriculture
EN	423	1	15	MTWThF	To arrange	FG	220	Wattenbarger, J. L.	Theory and Practice in Teaching
EN	423	2	15	MTWThF	To arrange			Hamblen, C. H.	
EN	423	3	15	MTWThF	To arrange			Fullagar, W. A.	
EN	423	4	15	MTWThF	To arrange			Boutelle, M. W.	
EN	500		0	T	3:40- 6:30	YN	236	Bamberger, F.	Research and Thesis Writing
EN	502		3	MWF	8:40	YN	132	Henderson, L. N.	Curriculum and Teaching in Junior College
EN	504		6	To arrange		YN	231	Henderson, L. N.	Practicum in College Teaching
EN	505		3	T	7:00- 9:30 PM	YN	132	Lewis, H. G.	The Thinking Process
EN	506		3	M	7:00- 9:30 PM	YN	232	Alexander, V.	Introduction to Audio-Visual Materials
EN	507		3	T	7:00- 9:30 PM	YN	138	McLendon, I. R.	Advanced Educational Psychology

** Additional time for student teaching must be scheduled before registration is completed.

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
EN	508	1	3	MWF	8:40	YN	134	Norman, J. W.	The Educational Philosophy of John Dewey
EN	508	2	3	M	7:00- 9:30 PM	YN	134	Norman, J. W.	
EN	509		3	M	7:00- 9:30 PM	YN	142	Bingham, N. E.	Teaching Science in the Elementary School
EN	510		3	S	9:40-12:30	YN	140	Norman, J. W.	History of Education
EN	513		3	T	7:00- 9:30 PM	YN	316	Stripling, R. O.	The Org. and Adm. of Guidance and Personnel Programs in Secondary Schools
EN	518		3	T	7:00- 9:30 PM	YN	140	Leps, J. M.	Organization and Administration of Secondary Schools
EN	519		3	MW	2:40- 4:30	YN	134	Olson, C. M.	Foundations and Problems of Curriculum Construction
EN	522		3	Th	7:00- 9:30 PM	YN	134	Johns, R. L.	Educational Organization and Administration
EN	524		3	F	3:40- 6:30	YN	140	Leps, J. M.	Organization and Administration of Elementary Schools
EN	525		3	S	9:40-12:30	YN	311	Durrance, C. L.	The Community School
EN	527		3	T	7:00- 9:30 PM	YN	228	McGuire, V.	Secondary School Curriculum
EN	530		3	To arrange		YN	300	Williams, W. R.	Individual Work
EN	535		3	M	7:00- 9:30 PM	YN	236	Wiles, K., Wofford, K. V.	Fundamentals of Educational Supervision
EN	540	1	3	S	9:40-12:30	YN	236	Lewis, H. G. Cox, D. W.	Socio - Economic Foundations of Education
EN	540	2	3	MWF	1:40	YN	134	Henderson, L. N.	
EN	541		3	Th	7:00- 9:30 PM	YN	232	Cumbee, C. F.	Problems in Educational Psychology
EN	545		3	Th	7:00- 9:30 PM	YN	228		Modern Practices in Elementary Education
EN	547		3	Th	7:00- 9:30 PM	YN	236	Hilliard, P.	Problems in Elementary Education
EN	562		3	F	7:00- 9:30 PM	YN	232	Cumbee, C. F., Stripling, R. O.	Principles of Pupil Guidance
EN	563		3	F	3:40- 6:30 PM	YN	236	Foster, C. R.	Techniques in Guidance and Counseling
EN	564		3	S	9:40-12:30	YN	232	Fagin, B.	Occupational Information for School Personnel

(Continued on Next Page)

EDUCATION—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
EN	565		3	S	9:40-12:30	YN	150	Garris, E. W.	Problems in Agricultural Education
EN	571		3	M	7:00- 9:30 PM	YN	150	Garris, E. W.	Adult Education in Agriculture
EN	575		3	T	7:00- 9:30 PM	YN	232		Modern Trends in the Teaching of Reading
EN	578		3	S	9:40-12:30	YN	228		Language Arts in the Elementary Schools—Skills
EN	582		3	To arrange		YN	122	Simmons, G. B.	Group Study of Selected Problems in Special Fields of Study
EN	584		3	M	7:00- 9:30 PM	YN	228	McCracken, J.	Education for Young Children
EN	587		15	To arrange		YN	102	Wofford, K. V.	Practicum in Supervision
EN	590		3	To arrange		YN	128	Johns, R. L.	Problems in School Administration and Supervision (County Superintendents)
EN	592		3	To arrange		YN	130	Leps, J. M.	Problems in School Administration and Supervision (Elementary Principals)
EN	593		3	To arrange		YN	130	Leps, J. M.	Problems in School Administration and Supervision (Secondary Principals)
EN	600		3	F	3:40- 6:30	YN	134	Johns, R. L.	School Survey, I.
EN	604		3	F	3:40- 6:30	YN	316	Hines, V. A.	Techniques of Research
EN	605		3	T	3:40- 6:30	YN	311	Wiles, K.	Group Process in Education
EN	608		3	M	7:00- 9:30 PM	YN	138	Simmons, G. B.	Administration of Pupil Personnel
EN	610		3	To arrange		YN	326	Olson, C. M.	The Work of the Director of Curriculum and Guidance
EN	611		3	To arrange		YN	326	Olson, C. M. and Staff	Individual Study in Curriculum and Guidance
EN	612		3	Th	7:00- 9:30 PM	YN	138	Bode, B. H.	Moral Ideals in Education
EN	615		3	M	7:00- 9:30 PM	YN	140	Henderson, L. N.	Program and Functions of Teacher Education Institutions
EN	640		3	S	9:40-12:30	YN	316	Hines, V. A.	School and Society

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
EL	211		3	MWF	11:40	EI	328		Introduction to Electrical Eng.
EL	341	1	3	MWF	8:40	EI	328		Elements of Electrical Eng.
EL	341	2	3	MWF	1:40	EI	420		
EL	341	3	3	TThS	9:40	EI	328		
EL	342		3	MWF	1:40	EI	346		Elements of Electrical Eng.
EL	343		3	MWF	9:40	EI	346		Elements of Electrical Eng.
EL	349	1	1	M	2:40- 5:30	EI	230		Dynamo Laboratory
EL	349	2	1	W	2:40- 5:30	EI	230		
EL	349	3	1	Th	2:40- 5:30	EI	230		
EL	349	4	1	F	2:40- 5:30	EI	230		
EL	350		1	T	2:40- 5:30	EI	230		Dynamo Laboratory
Students taking EL-361 will register for one lecture (Section 1 or 2) and one laboratory (Section 11, 12 or 13).									
EL	361	1	4	MWF	9:40	EI	334		Electric Circuits
EL	361	2	4	TThS	8:40	EI	328		
EL	361	11		T	2:40- 5:30	EI	424		
EL	361	12		W	2:40- 5:30	EI	424		
EL	361	13		Th	9:40-12:30	EI	424		
Students taking EL-363 will register for one lecture (Section 1 or 2) and one laboratory (Section 11, 12 or 13).									
EL	363	1	4	MWF	8:40	EI	334		Electrical Machinery I
EL	363	2	4	MWF	1:40	EI	328		
EL	363	11		M	2:40- 5:30	EI	424		
EL	363	12		T	8:40-11:30	EI	424		
EL	363	13		Th	2:40- 5:30	EI	424		
EL	441	1	1	Th	11:40	EI	334		Electrical Enginering Seminar
EL	441	2	1	F	1:40	EI	334		
EL	446		3	TThS	9:40	EI	334		Electric Power Transmission
EL	464		3	TThS	8:40	EI	334		Introduction to Electromagnetic Theory
Students taking EL-465 will register for the lecture (Section 1) and one laboratory (Section 11, 12, or 13).									
EL	465	1	5	MWF	10:40	EI	328		Communications Engineering
EL	465	11		M	1:40- 6:30	EI	450		
EL	465	12		W	1:40- 6:30	EI	450		
EL	465	13		Th	1:40- 6:30	EI	450		
Students taking EL-467 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
EL	467	1	5	MWF	9:40	EI	420		Electrical Machinery III
EL	467	11		M	1:40- 6:30	EI	230		
EL	467	12		W	1:40- 6:30	EI	230		

(Continued on Next Page)

ELECTRICAL ENGINEERING—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking EL-471 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
EL	471	1	4	MWF	11:40	EI	334		Electrical Machinery II
EL	471	11		T	2:40- 5:30	EI	230		
EL	471	12		F	2:40- 5:30	EI	230		
Students taking EL-473 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
EL	473	1	4	MWF	11:40	EI	346		Industrial Electronics
EL	473	11		T	2:40- 5:30	EI	427		
EL	473	12		F	2:40- 5:30	EI	427		
EL	493		*	To arrange					Electrical Design and Experimental Procedure
EL	531		3	TTh	10:40	EI	427		Advanced Electrical Measurements
				W	2:40- 5:30	EI	427		
EL	539		3	MWF	9:40	EI	424		Electric Power Circuits
EL	545		3	MWF	8:40	EI	424		Adv. Electron Tube Circuits
EL	554		3	TThS	8:40	EI	346		Adv. Comm. Theory
EL	556		3	TThS	9:40	EI	346		Electromagnetic Fields and Waves
EL	571		3	MWF	10:40	EI	346		Adv. Electrical Mach.
EL	591		*	To arrange					Special Topics in Electrical Engr.

* Variable. Credit assigned must be shown on registration blank

ENGINEERING MECHANICS

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking EM-313 will register for one lecture (Section 1, 2, 3, or 4) and one laboratory (Section 11, 12, 13, 14 or 15).									
EM	313	1	4	MWF	8:40	RE	401		Fluid Mechanics
EM	313	2	4	MWF	10:40	RE	401		
EM	313	3	4	MWF	11:40	RE	401		
EM	313	4	4	TThS	8:40	RE	401		
EM	313	11		M	2:40- 5:30	RE	100		
EM	313	12		T	2:40- 5:30	RE	100		
EM	313	13		W	2:40- 5:30	RE	100		
EM	313	14		Th	2:40- 5:30	RE	100		
EM	313	15		F	2:40- 5:30	RE	100		

(Continued on Next Page)

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
EM	314		3	MWF	8:40	RE	402		Hydraulic Engineering
EM	365	1	3	MWF	8:40	EI	346		Statics
EM	365	2	3	MWF	9:40	RE	401		
EM	365	3	3	MWF	10:40	EI	411		
EM	365	4	3	MWF	11:40	RE	403		
EM	365	5	3	MWF	1:40	RE	401		
EM	366	1	3	MWF	9:40	RE	402		Dynamics
EM	366	2	3	MWF	10:40	RE	403		
EM	366	3	3	MWF	2:40	RE	401		
EM	366	4	3	TThS	9:40	RE	401		
EM	367	1	3	MWF	8:40	RE	403		Strength of Materials
EM	367	2	3	MWF	10:40	RE	402		
EM	367	3	3	MWF	11:40	RE	402		
EM	367	4	3	TThS	9:40	RE	402		
EM	369		3	TThS	10:40	RE	401		Applied Mechanics for Chemical Engineers
EM	533		3	To arrange					Advanced Hydraulic Engineering
EM	564		3	To arrange					Advanced Strength of Materials
EM	565		3	To arrange					Advanced Strength of Materials
EM	566		3	To arrange					Theory of Elasticity
EM	569		3	To arrange					Elastic Energy Theory

ENGLISH

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
EH	121		4	MTWThF	12:40	AN	212	Wilson, J. L.	English for Foreign Students
EH	133		3	TTh	11:40	AN	2	Congleton, J. E.	Effective Writing
				W	1:40- 3:30	AN	209	and Walker, B. H.	
EH	135		2	TTh	10:40	AN	212	Boone, L. P.	Word Study
EH	215		3	MWF	9:40	AN	210	Conner, F. W.	Literary Masters of America
EH	217	1	3	MWF	10:40	AN	210	Stryker, D.	Literary Masters of England
EH	217	2	3	MWF	2:40	AN	210	Robertson, C. A.	
EH	218		3	MWF	1:40	AN	210	Oras, A.	Literary Masters of England

(Continued on Next Page)

ENGLISH—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
EH	223	1	3	MWF	9:40	AN	212	Murphree, A. A.	Masterpieces of World Literature
EH	223	2	3	MWF	2:40	AN	2	Wilson, J. L.	
EH	224		3	MWF	8:40	AN	212	Oras, A.	Masterpieces of World Literature
EH	301		3	TThS	10:40	AN	210	Robertson, C. A.	Shakespeare
EH	302		3	F	7:00- 9:30 P.M.	AN	210	Herbert, T. W.	Shakespeare
EH	303		3	MWF	1:40	AN	2	Kirkland, E. C.	English Literature of the 19th Century
EH	305		3	MWF	8:40	AN	210	Pyles, T.	Introduction to the Study of the English Language
EH	306	1	3	MWF	11:40	AN	2	Cox, E. H.	Modern English Grammar
EH	306	2	3	T	7:00- 9:30 P.M.	AN	210	Cox, E. H.	
EH	308		3	MWF	11:40	AN	212	Morris, A. C.	American Folksongs
EH	309		2	TTh	8:40	AN	210	Warfel, H. R.	Short Story
EH	312		2	TTh	9:40	AN	212	Baughan, D. E.	Exposition
EH	327	1	2	Th*	1:40	AN	210	Lytle, A. N.	Imaginative Writing
EH	327	2	2	Th*	2:40	AN	210	Lytle, A. N.	
Students taking EH 355 will register for one lecture (Section 1 or 2) and one discussion (Section 11, 12, 13, or 14).									
EH	355	1		M	7:40	AN	210	Clark, W. A.	Business English
EH	355	2		M	12:40	AN	210	Clark, W. A.	
EH	355	11	3	WF	7:40	AN	210	Clark, W. A.	
EH	355	12	3	WF	7:40	AN	2	Childers, W. C.	
EH	355	13	3	WF	12:40	AN	210	Clark, W. A.	
EH	255	14	3	WF	12:40	AN	2	Baughan, D. E.	
EH	361		3	MWF	7:40	AN	212	Ruff, W.	The Novel
EH	364		3	MWF	10:40	AN	2	Murphree, A. A.	World Drama
EH	365		3	Th	7:00- 9:30 P.M.	AN	210	Mounts, C. E.	Contemporary Literature: Fiction
EH	380		3	M	7:00- 9:30 P.M.	AN	210	Wise, J. H.	English in the Secondary School
EH	399		3	MWF	9:40	AN	2	Herbert, T. W.	Introduction to the Study of Literature
EH	401		3	MWF	10:40	AN	212	Warfel, H. R.	American Literature
EH	402		3	M	7:00- 9:30 P.M.	AN	212	Fain, J. T.	American Literature
EH	405		3	MWF	11:40	AN	210	Patrick, J. M.	Drama of the Restoration and 18th Century

* One hour to arrange.

(Continued on Next Page)

ENGLISH—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
EH	409		3	TThS	9:40	AN	210	Pyles, T.	Chaucer
EH	415		3	MWF	2:40	AN	212	Oras, A.	Milton
EH	427		3	T*	1:40- 3:30	AN	210	Lytle, A. N.	The Craft of Writing
EH	429		3	MWF	11:40	AD	357		Sarett on Writing and Speech
EH	433		3	MWF	8:40	AN	2	Hodges, J. R.	English Literature of the 18th Century
EH	443		3	MWF	1:40	AN	212	Fogle, S. F.	The English Romantic Period
EH	511		3	MWF	9:40	LI	404	Pyles, T.	Old English
EH	529		1	T	3:40- 5:30	LI	404	Bowers, R. H.	Graduate Seminar
EH	530		**	To Arrange				Staff	Individual Work
EH	535		3	MF	8:40-10:30	LI	407	Congleton, J. E.	Studies in 18th Century Literature
EH	557		3	M	1:40- 4:30	LI	404	Pyles, T.	Studies in Chaucer
EH	563		3	To Arrange		LI	404	Oras, A.	English Renaissance Literature
EH	571		3	To Arrange		LI	404	Fain, J. T.	Studies in Victorian Literature
EH	581		3	T	7:00- 9:30 P.M.	LI	404	Conner, F. W.	New England Transcendentalism
EH	583		3	M	7:00- 9:30 P.M.	LI	404	Warfel, H. R.	American Non-Fictional Prose

* One hour to arrange.
** Variable. Credit assigned must be shown on the registration blank.

ENTOMOLOGY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
EY	201		3	MWF	11:40	FL	308		Man and Insects
Students taking EY-203 will register for one lecture (Section 1, 2, or 3) and one laboratory (Section 11, 12, 13, 14, 15, or 16)									
EY	203	1	3	MW	8:40	FL	308		Economic Entomology
EY	203	2	3	MW	10:40	FL	308		
EY	203	3	3	TTh	10:40	FL	308		
EY	203	11		M	3:40- 5:30	FL	306		
EY	203	12		T	1:40- 3:30	FL	306		
EY	203	13		T	3:40- 5:30	FL	306		
EY	203	14		W	3:40- 5:30	FL	306		
EY	203	15		F	8:40-10:30	FL	306		
EY	203	16		F	1:40- 3:30	FL	306		

(Continued on Next Page)

ENTOMOLOGY—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
EY	205		1	Th	1:40- 3:30	FL	306		Insect Collection
EY	305		*	M	10:40	FL	306		Problems in Entomology
EY	311	1	½	M	8:40	FL	306		Entomology Seminar
EY	311	2	½	M	3:40	FL	308		
EY	311	3	½	T	1:40	FL	308		
EY	311	4	½	W	8:40	FL	306		
EY	311	5	½	Th	9:40	FL	306		
EY	351		3	TTh	7:40	FL	308		Forest Entomology
				T	8:40-10:30	FL	306		
EY	420		2	M	9:40	FL	308		Medical Entomology
				M	1:40- 3:30	FL	306		
EY	430		1	W	3:40- 5:30	IS			Insect Histology
EY	462		2	T	9:40	FL	308		Insect Ecology
				Th	3:40- 5:30	FL	306		
EY	464		2	W	9:40	FL	308		Biological & Natural Control
				W	1:40- 3:30	FL	306		
EY	503		*	M**	10:40	FL	308.2		Problems in Entomology
EY	507		*	M**	10:40	FL	308.2		Advanced Insect Taxonomy
EY	515		*	M**	10:40	FL	308.2		Advanced & Biological & Natural Control
EY	516		*	M**	10:40	FL	308.2		Advanced Insect Ecology
EY	520		*	M**	10:40	FL	308.2		Advanced Medical Entomology

* Variable. Credit assigned must be shown on registration blank.
** Other hours to be arranged.

FORESTRY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
FY	220	1	2	MW	9:40	WO		Willingham, J. W.	Introduction to Forestry
FY	220	2	2	MW	10:40	K	111	Willingham, J. W.	
FY	227	1	2	Th	1:40- 5:30	K	215	Smith, R. B.	Dendrology of Gymnosperms
FY	227	2	2	T	1:40- 5:30	K	215	Smith, R. B.	
FY	229	1	3	F	1:40- 5:30	WO		Swinford, K. R.	Forest Mensuration
FY	229	2	3	S	8:40-12:30	WO		Swinford, K. R.	

(Continued on Next Page)

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking FY-306 will register for one lecture (Section 1 or 2) and one laboratory (Section 11 or 12).									
FY	306	1	3	MW	9:40	HT	409	Frazer, P. W.	Forest Protection
FY	306	2	3	MW	10:40	HT	410	Frazer, P. W.	
FY	306	11		S	8:40-12:30	K	111		
FY	306	12		Th	1:40- 5:30	K	111		
Students taking FY-311 will register for one lecture (Section 1 or 2) and one laboratory (Section 11 or 12).									
FY	311	1	3	TF	10:40	HT	410	Geltz, C. G.	Foundations of Silviculture
FY	311	2	3	MW	8:40	HT	409	Geltz, C. G.	
FY	311	11		T	1:40- 5:30	HT	409		
FY	311	12		Th	8:40-12:30	K	111		
Students taking FY-313 will register for one lecture (Section 1 or 2) and one laboratory (Section 11 or 12).									
FY	313	1	3	TTh	11:40	HT	410	Frazer, P. W.	Farm Forestry
FY	313	2	3	MW	11:40	HT	410	Frazer, P. W.	
FY	313	11		M	3:40- 5:30	K	111		
FY	313	12		T	3:40- 5:30	HT	410		
Students taking FY-318 will register for one lecture (Section 1 or 2) and one laboratory (Section 11 or 12).									
FY	318	1	3	MW	8:40	HT	410	Miller, J. W.	Forest Utilization & Product
FY	318	2	3	MW	9:40	HT	410	Miller, J. W.	
FY	318	11		F	8:40-10:30	HT	410		
FY	318	12		F	8:40-10:30	HT	410		
FY	353		3	MWF	7:40	K	215	Beckwith, S. L.	Principles of Wildlife Management
FY	409	1	3	MWF	8:40	K	215	Ralston, C. W.	Forest Finance
FY	409	2	3	MWF	9:40	K	215	Ralston, C. W.	
FY	412	1	1	M	10:40	K	215	Smith, R. B.	Seminar
FY	412	2	1	M	11:40	HT	409	Smith, R. B.	
FY	413		3	ThS	8:40	HT	410	Geltz, C. G.	Regional Silviculture
				S	9:40	HT	410		
FY	415		3	TTh	10:40	K	215	Smith, R. B.	Timber Physics
				F	1:40- 4:30	HT	409		
FY	419	1	3	MWF	9:40	K	111	Swinford, K. R.	Principles of Forest Management
FY	419	2	3	MWF	8:40	K	111	Swinford, K. R.	
FY	421		3	TTh	11:40	WO			Kiln Drying
				T	1:40- 5:30	WO			
FY	431		*	To arrange					Forest Problems Seminar

* Variable. Credit assigned must be shown on registration blank.

(Continued on Next Page)

FORESTRY—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
FY	434		3	Th	7:40	K	215	Beckwith, S. L.	Applied Wildlife Management
				S	7:40-12:30	Field			
FY	436		3	MW	11:40	K	215	Beckwith, S. L.	Waterfowl Management
				M	1:40- 4:30	K	215		
FY	441	1	3	MW	1:40- 5:30	Field		Miller, J. W.	Logging & Milling Practice
FY	441	2	3	MW	1:40- 5:30	Field		Miller, J. W.	
FY	443		3	TTh	11:40	HT	409	Ralston, C. W.	Forest Statistics
				S	8:40-10:30	HT	409		
FY	446		3	TTh	8:40	K	215	Willingham, J. W.	Forest Photogrammetry
				F	1:40- 5:30	K	215		
FY	501		3	To arrange				Geltz, C. G.	Research Methods in Silviculture
FY	502		3	To arrange				Geltz, C. G. Ralston, C. W.	Research Problems in Silviculture
FY	503		*	To arrange				Miller, J. W. Smith, R. B.	Research Problems in Wood Utilization
FY	504		*	To arrange				Kaufman, C. M. Swinford, K. R.	Research Problems in Forest Economics and Management
FY	505		3	To arrange				Beckwith, S. L.	Research Methods in Wildlife Management
FY	506		*	To arrange				Beckwith, S. L.	Research Problems in Wildlife Management

* Variable. Credit assigned must be shown on registration blank.

FRENCH

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students registering for FH 33 must register for one lecture section (1 digit number) and three laboratory sections, as follows: one 3 digit section number beginning with 1, one 3 digit section number beginning with 2, and one 3 digit section number beginning with 3.									
FH	33	1	3	TTh	11:40	AN	6	Capretz, P. J.	First-Year French
FH	33	2	3	TTh	8:40	AN	4	Wallace, M. J.	
FH	33	3	3	MW	9:40	AN	4	Kurth, A. L.	
FH	33	4	3	TTh	9:40	AN	4	Brunet, J.	
FH	33	5	3	TTh	1:40	AN	4	Wallace, M. J.	

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
FH	33	110		M	12:40	AN	9		
FH	33	111		M	1:40	AN	9		
FH	33	112		M	3:40	AN	9		
FH	33	113		M	4:40	AN	9		
FH	33	114		T	8:40	AN	9		
FH	33	115		T	11:40	AN	9		
FH	33	116		T	12:40	AN	9		
FH	33	117		T	1:40	AN	9		
FH	33	118		T	3:40	AN	9		
FH	33	119		T	4:40	AN	9		
FH	33	210		W	10:40	AN	9		
FH	33	211		W	12:40	AN	9		
FH	33	212		W	2:40	AN	9		
FH	33	213		W	3:40	AN	9		
FH	33	214		W	4:40	AN	9		
FH	33	215		Th	8:40	AN	9		
FH	33	216		Th	9:40	AN	9		
FH	33	217		Th	11:40	AN	9		
FH	33	218		Th	12:40	AN	9		
FH	33	219		Th	1:40	AN	9		
FH	33	310		Th	4:40	AN	9		
FH	33	311		F	7:40	AN	9		
FH	33	312		F	8:40	AN	9		
FH	33	313		F	10:40	AN	9		
FH	33	314		F	12:40	AN	9		
FH	33	315		F	3:40	AN	9		
FH	33	316		F	4:40	AN	9		
FH	33	317		M	8:40	AN	9		
FH	33	318		M	9:40	AN	9		
FH	33	319		M	10:40	AN	9		
FH	34		3	MWF	9:40	AN	18	Capretz, P. J.	First-Year French

Students registering for FH 201 must register for one lecture section (1 digit number) and three laboratory sections, as follows: one 3 digit section number beginning with 1, one 3 digit section number beginning with 2, and one 3 digit section number beginning with 3.

FH	201	1	3	TTh	10:40	AN	4	Wallace, M. K.	Second-Year French
FH	201	2	3	MW	10:40	AN	4	Capretz, P. J.	
FH	201	110		T	8:40	AN	9		
FH	201	111		T	10:40	AN	9		

(Continued on Next Page)

FRENCH—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
FH	201	112		T	12:40	AN	9		
FH	201	113		T	1:40	AN	9		
FH	201	210		W	10:40	AN	9		
FH	201	211		W	12:40	AN	9		
FH	201	212		Th	8:40	AN	9		
FH	201	213		Th	12:40	AN	9		
FH	201	310		F	8:40	AN	9		
FH	201	311		F	10:40	AN	9		
FH	201	312		F	12:40	AN	9		
FH	201	313		M	9:40	AN	9		
FH	202		3	MWF	3:40	AN	4	Kurth, A. L.	Second-Year French
FH	305		3	MWF	12:40	AN	4	Kurth, A. L.	Composition and Conversation
FH	307		3	MWF	8:40	AN	4	Capretz, P. J.	Survey of French Literature
FH	320		2	TTh	2:40	AN	18	Capretz, P. J.	French Civilization
FH	400		3	MWF	2:40	AN	4	Wallace, M. J.	French Literature, 1800-1850
FH	430		3	To Arrange		AN	3-C	Brunet, J.	Individual Work
FH	500		3	MWF	11:40	LI	408	Kurth, A. L.	Special Study in French Literature—The Novel, 1500-1800
FH	519		3	MWF	10:40	LI	408	Brunet, J.	Comparative Grammar of the Romance Languages
FH	530		3	To Arrange		AN	3-C	Brunet, J.	Individual Work

GENERAL SCIENCE

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
GL	301		3	TTh	9:40-11:30	YN	150	Piltz, A.	Children's Science
GL	302		3	MW	9:40	YN	150	Bingham, N. E.	Children's Science
				T	3:40- 5:30	YN	150		

GEOGRAPHY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
GPY	203		3	TTh	10:40	B	114	Dunkle, J. R.	Elements of World Geography, I
				W	1:40- 3:30	B	114		
GPY	295		3	TThS	7:40	B	114	Dyer, D. R.	Geography of the Americas

(Continued on Next Page)

GEOGRAPHY—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
GPY	305		3	MWF	7:40	B	114	Diettrich, S. deR.	Geography of Florida
GPY	315		3	TThS	8:40	B	114	Dunkle, J. R.	Principles of Human Geography
GPY	323		3	MWF	10:40	B	115	Pierson, W. H.	Elementary Climatology
GPY	381		3	MWF	8:40	B	114	Day, D. R.	Economic Geography of Anglo-America
GPY	385		3	TThS	8:40	B	115	Pierson, W. H.	Economic Geography of South America
GPY	488		3	TThS	9:40	B	114	Cross, C. I.	Economic Geography of the USSR
GPY	489		3	MWF	11:40	B	115	Cross, C. I.	Economic Geography of the Near East
GPY	499		*	To arrange					Special Topics in Geography
GPY	523		3	To arrange				Pierson, W. H.	Geography of World Agriculture
GPY	580		3	MWF	3:40	B	111	Diettrich, S. deR.	Development of Geographic Thought
GPY	581		*	To arrange				Dyer, D. R.	Readings in Geography
GPY	583		3	To arrange				Pierson, W. H.	Research Seminar

GEOLOGY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking GY-203 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
GY	203	1	3	TTh	8:40	B	102		Elements of Physical Geology
GY	203	11		T	2:40- 4:30	B	102		
GY	203	12		Th	9:40-11:30	B	102		
Students taking GY-210 will register for the lecture (Section 1) and one laboratory (Section 11 or 12)									
GY	210	1	3	TTh	1:40	B	102	Edwards, R. A.	Engineering Geology
GY	210	11		M	2:40- 5:30	B	102		
GY	210	12		W	2:40- 5:30	B	102		
GY	308		3	M	4:40	B	104	Pirkle, E. C.	Elementary Mineralogy and Petrology
				MW	2:40- 4:30	B	104		
GY	321		3	MW	8:40	B	104	Edwards, R. A.	Elementary Paleontology
				T	2:40- 4:30	B	104		
GY	401		3	TTh	9:40	B	104	Edwards, R. A.	Physiography of North America
				F	2:40- 4:30	B	104		
GY	415		3	MWF	10:40	B	104		Advanced Physical Geology

* Variable. Credit assigned must be shown on registration blank.

GERMAN

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students registering for GN 33 must register for one lecture section (1 digit number) and three laboratory sections, as follows: one 3 digit section number beginning with 1, one 3 digit section number beginning with 2, and one 3 digit section number beginning with 3.									
GN	33	1	3	TTh	7:40	AN	6	Craps, J. E.	First-Year German
GN	33	2	3	TTh	8:40	AN	6	Jones, O. F.	
GN	33	3	3	MW	9:40	AN	6	Mauderli, M. O.	
GN	33	4	3	TTh	9:40	AN	6	Valk, M. E.	
GN	33	5	3	MW	12:40	AN	6	Mauderli, M. O.	
GN	33	110		M	12:40	AN	9		
GN	33	111		M	2:40	AN	9		
GN	33	112		M	3:40	AN	9		
GN	33	113		M	4:40	AN	9		
GN	33	114		T	7:40	AN	9		
GN	33	115		T	8:40	AN	9		
GN	33	116		T	9:40	AN	9		
GN	33	117		T	10:40	AN	9		
GN	33	118		T	2:40	AN	9		
GN	33	119		T	4:40	AN	9		
GN	33	210		W	9:40	AN	9		
GN	33	211		W	10:40	AN	9		
GN	33	212		W	11:40	AN	9		
GN	33	213		W	12:40	AN	9		
GN	33	214		W	2:40	AN	9		
GN	33	215		W	4:40	AN	9		
GN	33	216		Th	7:40	AN	9		
GN	33	217		Th	8:40	AN	9		
GN	33	218		Th	11:40	AN	9		
GN	33	219		Th	1:40	AN	9		
GN	33	310		Th	4:40	AN	9		
GN	33	311		F	9:40	AN	9		
GN	33	312		F	10:40	AN	9		
GN	33	313		F	11:40	AN	9		
GN	33	314		F	12:40	AN	9		
GN	33	315		F	1:40	AN	9		
GN	33	316		F	2:40	AN	9		
GN	33	317		M	8:40	AN	9		
GN	33	318		M	9:40	AN	9		
GN	33	319		M	10:40	AN	9		

(Continued on Next Page)

GERMAN—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
GN	34		3	MWF	11:40	AN	6	Mauderli, M. O.	First-Year German
Students registering for GN 201 must register for the lecture (Section 1) and three laboratory sections, as follows: one 3 digit section number beginning with 1, one 3 digit section number beginning with 2, and one 3 digit section number beginning with 3.									
GN	201	1	3	MW	7:40	AN	4	Mauderli, M. O.	Second-Year German
GN	201	110		T	7:40	AN	9		
GN	201	111		T	3:40	AN	9		
GN	201	210		Th	7:40	AN	9		
GN	201	211		Th	12:40	AN	9		
GN	201	310		F	9:40	AN	9		
GN	201	311		F	11:40	AN	9		
GN	202		3	MWF	7:40	AN	6	Craps, J. E.	Second-Year German
GN	205		6	Daily	11:40	AN	5	Craps, J. E.	Second-Year German
GN	305		3	MWF	9:40	AN	5	Valk, M. E.	Conversation and Composition
GN	307		3	MWF	10:40	AN	5	Valk, M. E.	Survey of German Literature
GN	325		3	MWF	8:40	AN	6	Craps, J. E.	Scientific German
GN	405		3	MWF	2:40	AN	5	Jones, O. F.	German Drama of the Nineteenth Century
GN	430		3	To Arrange		AN	3-B	Valk, M. E.	Individual Work
GN	503		3	MWF	2:40	LI	408	Mauderli, M. O.	The Romantic Period
GN	517		3	MWF	9:40	LI	408	Jones, O. F.	Gothic
GN	530		3	To Arrange		AN	3-B	Jones, O. F.	Individual Work

GREEK

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students registering for GK 33 must register for the lecture (Section 1) and three laboratory sections, as follows: one 3 digit section number beginning with 1, one 3 digit section number beginning with 2, and one 3 digit section number beginning with 3.									
GK	33	1	3	TTh	8:40	AN	7	Aratowsky, B.	First-Year Greek
GK	33	110		T	9:40	AN	9		
GK	33	111		T	11:40	AN	9		
GK	33	210		W	11:40	AN	9		
GK	33	211		W	1:40	AN	9		
GK	33	310		F	7:40	AN	9		
GK	33	311		F	4:40	AN	9		
GK	201		3	MWF	8:40	AN	7	Aratowsky, B.	Second-Year Greek
GK	430		3	To Arrange				Aratowsky, B.	Individual Work

HISTORY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
HY	201	1	3	MWF	8:40	PE	114	Harrison, J. A.	History of World Civilization to 1650
HY	201	2	3	M	7:30-10:00 P.M.	PE	114	Svarlien, O.	
HY	201	3	3	TThS	8:40	PE	114	Reynolds, J. H.	
HY	245	1	3	MWF	7:40	PE	112	Bentley, G. R.	United States History to 1865
HY	245	2	3	TThS	10:40	PE	112	Glunt, J. D.	
HY	245	3	3	Th	7:30-10:00 PM	PE	112	Thompson, A. W.	
HY	246		3	MWF	2:40	PE	112	Baringer, W. E.	United States History Since 1865
HY	307		3	MWF	11:40	PE	114	Groth, J. H.	Ancient Civilizations
HY	313		3	MWF	10:40	PE	114	Hammond, E. A.	Early Middle Ages
HY	325		3	MWF	9:40	PE	114	Dowd, D. L.	Nineteenth Century Europe
HY	335		3	MWF	8:40	PE	109	Payne, A. N.	English History to 1689
HY	351	1	3	MWF	9:40	PE	112	Proctor, S.	Florida History to 1860
HY	351	2	3	MWF	1:40	PE	112	McAlister, L. N.	
HY	352		3	TThS	7:40	PE	112	Patrick, R. W.	Florida History Since 1860
HY	371		3	MWF	9:40	PE	109	McAlister, L. N.	Colonial Latin America
HY	427		2	TTh	10:40	PE	109	Worcester, D. E.	Spain & Portugal to 1810
HY	433		3	MWF	11:40	PE	109	Harrison, J. A.	Russian History
HY	437		3	MWF	2:40	PE	109	Payne, A. N.	Constitutional History of England to 1689
HY	445		2	TTh	9:40	PE	112	Thompson, A. W.	Colonial Society
HY	449		3	TThS	8:40	PE	109	Baringer, W. E.	Civil War & Reconstruction
HY	451		3	MWF	10:40	PE	112	Glunt, J. D.	The Old South
HY	475		3	MWF	12:40	PE	109	Worcester, D. E.	History of Brazil
HY	481		3	MWF	1:40	PE	109	Harrison, J. A.	The Far East, Modern Period
HY	484		3	MWF	12:40	PE	114	Hanna, P. L.	The Near East in Modern Times
HY	500		*	To arrange		PE	104	Patrick, R. W.	Thesis
HY	503		3	T	7:30-10:00 PM	LI	418	Dowd, D. L.	Introduction to Historical Research
HY	513		3	TThS	8:40	LI	418	Hammond, E. A.	Directed Study in the Early Middle Ages
HY	523		3	MWF	8:40	LI	418	Dowd, D. L.	Age of Liberal and National Revolutions
HY	535		3	TThS	10:40	LI	418	Payne, A. N.	The Tudor Period

* Variable. Credit assigned must be shown on registration blank.

(Continued on Next Page)

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
HY	551		3	MWF	10:40	LI	418	Osborne, G. C.	Emergence of Modern United States
HY	553		3	Th	7:30-10:00	LI	418	Glunt, J. D.	Political History of the South
HY	577		3	M	7:30-10:00	LI	418	Worcester, D. E.	Seminar in Latin American History

HORTICULTURE

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
HE	201		3	TTh	8:40	FL	209	Wolfe, H. S.	Principles of Horticulture
				M	1:40- 3:30	FL	209		
Students taking HE-217 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
HE	217	1	3	TTh	9:40	FL	104	Watkins, J. V.	Plant Propagation
HE	217	11		M	3:40- 5:30	GH			
HE	217	12		T	3:40- 5:30	GH			
HE	227		3	MW	8:40	FL	102	Brooks, J. H.	Flower Growing
				W	1:40- 3:30	GH			
Students taking HE-230 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
HE	230	1	3	Th	9:40	FL	209	Stout, G. J.	Food Preservation
HE	230	11		M	1:40- 5:30	VL			
HE	230	12		T	1:40- 5:30	VL			
HE	319		3	MW	9:40	FL	209	Watkins, J. V.	Maintenance of Trees and Shrubs
				F	9:40-11:30	GH			
HE	403		3	MWF	8:40	FL	209	Wolfe, H. S.	Physiology of Fruit Production
HE	419		3	TTh	7:40	FL	102	Brooks, J. H.	Commercial Bulb Crops
				M	1:40- 3:30	GH			
HE	421		3	TTh	11:40	FL	209	Stout, G. J.	Commercial Truck Crops
				F	1:40- 3:30	Field			
HE	423		3	MWF	10:40	FL	209	Wolfe, H. S.	Major Sub-Tropical Fruits
HE	429		3	W	11:40	FL	209	Watkins, J. V.	Ornamental Horticulture
				WF	1:40- 3:30	GH			
HE	431		3	T	9:40	FL	209	Stout, G. J.	Food Technology
				W	1:40- 5:30	VL			

(Continued on Next Page)

HORTICULTURE—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking HE-435 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
HE	435	1	3	TTh	8:40	FL	108	Ziegler, L. W.	Citrus Culture
HE	435	11		M	1:40- 3:30	FL	104		
HE	435	12		M	3:40- 5:30	FL	209		
Students taking HE-437 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
HE	437	1	3	TTh	10:40	FL	108	Ziegler, L. W.	Citrus Matur. and Packing-house Procedure
HE	437	11		W	1:40- 3:30	FL	209		
HE	437	12		W	3:40- 5:30	FL	209		
HE	441		3	TTh	10:40	FL	209	Brooks, J. H.	Commercial Floriculture
				T	1:40- 3:30	GH			
HE	503		1	F	11:40	FL	209	Stout, G. J.	Horticulture Seminar
HE	514		3	MWF	9:40	FL	102	Ziegler, L. W.	Advanced Citriculture
HE	570		*	To arrange				Wolfe, H. S. and Staff	Research in Horticulture

* Variable. Credit assigned must be shown on registration blank.

INDUSTRIAL ARTS EDUCATION

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
IN	101	1	3	MWF	3:40- 5:30	YN	20	Neubauer, G. W.	Introduction to Industrial Arts
IN	101	2	3	TTh	7:00- 9:30 PM	YN	20	Neubauer, G. W.	
IN	102		3	MWF	1:40- 3:30	YN	20	Neubauer, G. W.	Elementary Woodwork
IN	103		3	MWF	8:40-10:30	YN	301	Strickland, T. W.	Elementary Mechanical Drawing
IN	104		3	MWF	10:40-12:30	YN	301	Strickland, T. W.	Advanced Mechanical Drawing
IN	211		3	MWF	10:40-12:30	YN	22	Bergengren, R. F.	General Bench Metals
IN	303		3	MWF	10:40-12:30	YN	20	Neubauer, G. W.	Machine Woodwork
IN	305		3	MWF	8:40-10:30	YN	20	Neubauer, G. W.	Design and Construction in Woods
IN	312		3	TThS	8:40-10:30	YN	301	Bergengren, R. F.	Elementary School Handicrafts
IN	313		3	TThS	10:40- 12:30	YN	301	Bergengren, R. F.	Handicrafts
IN	314		3	MWF	8:40-10:30	YN	22	Bergengren, R. F.	Art Metal Design and Construction
IN	364		3	MWF	1:40	YN	301-B	Bergengren, R. F.	Laboratory Planning and Maintenance

(Continued on Next Page)

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
IN	401		3	MWF	1:40- 3:30	YN	301-A	Strickland, T. W.	Architectural Drawing
IN	416		3	MWF	3:40- 5:30	YN	301	Meyer, H. K.	Handicrafts Problems
IN	421		3	MWF	3:40- 5:30	YN	22	Strickland, T. W.	Metals & Industrial Processes
IN	506		3	Th	7:00- 9:30 P.M.	YN	302	Williams, W. R.	History and Philosophy of Industrial and Vocational Education
IN	523		3	T	7:00- 9:30 P.M.	YN	304	Meyer, H. K.	School Shop Planning and Equipment Selection

INDUSTRIAL ENGINEERING

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
IG	321		3	MWF	8:40	EI	343		Work Simplification & Standardization
IG	370	1	2	TTh	10:40	EI	343		Job Evaluation
IG	370	2	2	TTh	11:40	EI	343		
IG	460		3	MWF	9:40	EI	312		Engineering Economic Analysis
IG	463	1	3	MWF	8:40	EI	411		Specifications, Engineering Relations and Safety
IG	463	2	3	TThS	9:40	EI	343		
IG	463	3	3	MWF	9:40	EI	411		
IG	463	4	3	MWF	10:40	EI	343		
IG	463	5	3	MWF	1:40	EI	411		
Students taking IG 469 must register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
IG	469	1	4	MWF	1:40	EI	343		Plant Location & Layout
IG	469	11		W	2:40- 5:30	EI	343		
IG	469	12		F	2:40- 5:30	EI	343		
IG	472	1	2	TTh	8:40	EI	343		Human Engineering
IG	472	2	2	TTh	10:40	EI	411		
Students taking IG 477 must register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
IG	477	1	3	TTh	9:40	EI	312		Motion and Time Study
IG	477	11		T	2:40- 5:30	EI	319		
IG	477	12		Th	2:40- 5:30	EI	319		
IG	479		1	M	10:40	EI	312		Industrial Engineering Seminar

(Continued on Next Page)

INDUSTRAL ENGINEERNIG—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
IG	561		3	MWF	8:40	EI	321		Advanced Shop Layout and Design
IG	563		3	MWF	10:40	EI	321		Management Training

INTERIOR DESIGN

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
IR	201		3	MWF	8:40-10:30	E	179		Home Decoration I
IR	301		3	(MTWThF	8:40-10:30	(E	179		Projects in Interior Design, Group 1
IR	302		3	(TTh	10:40	(E	179		
IR	303		3	(12 hours to arrange		(E	179		
IR	304		3	(		(			
IR	311		3	(MTWThF	8:40-10:30	(E	179		Projects in Interior Design, Group 2
IR	312		3	(TTh	10:40	(E	179		
IR	313		3	(12 hours to arrange		(E	179		
IR	314		3	(		(			
IR	401		3	(MTWThF	8:40-10:30	(E	179		Projects in Interior Design, Group 3
IR	402		3	(TTh	10:40	(E	179		
IR	403		3	(12 hours to arrange		(E	179		
IR	404		3	(		(			
IR	411		3	(MTWThF	8:40-10:30	(E	179		Projects in Interior Design, Group 4
IR	412		3	(TTh	10:40	(E	179		
IR	413		3	(12 hours to arrange		(E	179		
IR	414		3	(		(			

ITALIAN

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students register for the lecture (Section 1) and three laboratory sections, as follows: one 3 digit section number beginning with 1, one 3 digit section number beginning with 2, and one 3 digit section number beginning with 3.									
ITN	33	1	3	TTh	1:40	AN	6	Kurth, A. L.	First-Year Italian
ITN	33	110		M	2:40	AN	9		
ITN	33	111		T	3:40	AN	9		
ITN	33	210		W	9:40	AN	9		
ITN	33	211		Th	10:40	AN	9		
ITN	33	310		Th	4:40	AN	9		

JOURNALISM

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
JM	214	1	2	TTh	7:40	K	205	Lowry, W. L.	Introduction to Journalism
JM	214	2	2	TTh	9:40	K	205	Lowry, W. L.	
Students taking JM 301 will register for the lecture (Section 1) and one laboratory (Section 11 or 12)									
JM	301	1	3	MW	1:40	K	205	Jones, J. P.	Elementary Reporting
JM	301	11		M	2:40- 5:30	K	103	Jones, J. P.	
JM	301	12		W	2:40- 5:30	K	103	Jones, J. P.	
JM	305		3	TThS	8:40	K	205	Emig, E. J.	History of Journalism
Students taking JM 315 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
JM	315	1	3	MW	8:40	K	105	Lowry, W. L.	Typography
JM	315	11		M	2:40- 5:30	K	105	Lowry, W. L.	
JM	315	12		W	2:40- 5:30	K	105	Lowry, W. L.	
JM	317		3	TThS	10:40	K	205	Emig, E. J.	Contemporary Affairs
JM	401		3	TTh	11:40	K	205	Lowry, W. L.	Newspaper Advertising
				F	2:40- 5:30	K	105	Lowry, W. L.	
JM	403		3	TTh	8:40	K	103	Jones, J. P.	Advanced Reporting
				F	1:40- 4:30	K	103	Jones, J. P.	
JM	406		3	MW	9:40	K	103	Jones, J. P.	Radio News Writing
				T	2:40- 5:30	K	103	Jones, J. P.	
JM	409		3	MWF	11:40	K	205	Lowry, W. L.	Law of Press and Radio
JM	411		3	MWF	10:40	K	205	Weimer, R. O.	Public Relations
JM	421		4	TTh	9:40	K	103	Weimer, R. O.	Advanced Editing
				T	1:40- 5:30	K	105	Weimer, R. O.	
JM	503		3	To arrange		K	206	Emig, E. J.	Special Studies in Newspaper Production
JM	505		3	To arrange		K	206	Emig, E. J.	Public Opinion
JM	507		3	To arrange		K	206	Emig, E. J.	Reader and Listener Interest
JM	511		3	To arrange		K	206	Emig, E. J.	History of Journalism

LANDSCAPE ARCHITECTURE

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
LAE	301		3	(MTWThF	8:40-10:30	(E	180		Projects in Landscape Architecture, Group 1
LAE	302		3	(TTh	10:40	(E	180		
LAE	303		3	(12 hours to arrange		(E	180		
LAE	304		3	(		(			

(Continued on Next Page)

LANDSCAPE ARCHITECTURE—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
LAE	311		3	(MTWThF	8:40-10:30	(E	180		Projects in Landscape Architecture, Group 2
LAE	312		3	TTh	10:40	(E	180		
LAE	313		3	(12 hours to arrange		(E	180		
LAE	314		3	(		(			
LAE	401		3	(MTWThF	8:40-10:30	(E	180		Projects in Landscape Architecture, Group 3
LAE	402		3	(TTh	10:40	(E	180		
LAE	403		3	(12 hours to arrange		(E	180		
LAE	404		3	(		(			
LAE	411		3	(MTWThF	8:40-10:30	(E	180		Projects in Landscape Architecture, Group 4
LAE	412		3	(TTh	10:40	(E	180		
LAE	413		3	(12 hours to arrange		(E	180		
LAE	414		3	(		(			

LATIN

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students registering for LN 33 must register for the lecture (Section 1) and three laboratory sections, as follows: one 3 digit section number beginning with 1, one 3 digit section number beginning with 2, and one 3 digit section number beginning with 3.									
LN	33	1	3	TTh	9:40	AN	7	Aratowsky, B.	First-Year Latin
LN	33	110		T	2:40	AN	9		
LN	33	111		T	3:40	AN	9		
LN	33	210		W	11:40	AN	9		
LN	33	211		Th	10:40	AN	9		
LN	33	310		F	1:40	AN	9		
LN	33	311		M	7:40	AN	9		
LN	105		2	MW	11:40	AN	7	Aratowsky, B.	Latin Element in English
LN	201		3	MWF	9:40	AN	7	Aratowsky, B.	Second-Year Latin
LN	430		3	To Arrange		AN	7	Aratowsky, B.	Individual Work
LN	530		3	To Arrange		AN	7	Aratowsky, B.	Individual Work

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
LW	300		2	MT	9:40	LW	104	Maloney, F. E.	Equity I
LW	303	1	3	MTW	8:40	LW	201	Fenn, H. A.	Contracts I
LW	303	2	3	MTW	10:40	LW	201	Fenn H. A.	
LW	304		3	WThF	9:40	LW	201	Mautz, R. B.	Contracts II
LW	308	1	3	MTW	10:40	LW	203	Yonge, P. K.	Procedure I
LW	308	2	3	MTW	8:40	LW	203	Yonge, P. K.	
LW	309		2	MT	12:40	LW	201	Delony, D.	Property I
LW	312		2	MT	7:40	LW	104	Day, J. W.	Property II
LW	321	1	2	ThF	10:40	LW	201	Tomlin, R. F.	Torts I
LW	321	2	2	ThF	8:40	LW	201	Tomlin, R. F.	
LW	322		2	MT	2:40	LW	201	Tomlin, R. F.	Torts II
LW	325		2	ThF	8:40	LW	203	Clark, V. W.	Criminal Law & Procedure I
LW	326		2	ThF	10:40	LW	203	Clark, V. W.	Criminal Law & Procedure II
LW	330		2	MT	12:40	LW	120	Stephens, R. B.	Administrative Process
LW	401		2	WTh	12:40	LW	120	Miller, G. J.	U.S. Constitutional Law I
LW	402		4	WThFS	9:40	LW	104	TeSelle, C. J.	Evidence
LW	403		2	MT	12:40	LW	104	Mautz, R. B.	Agency
LW	406		4	WThFS	10:40	LW	120	Slagle, D.	Private Corporations
LW	407		2	WTh	12:40	LW	201	Richardson, J. R.	Legal Bibliography
LW	408		1	Th	12:40	LW	203	Krastin, K.	Legal Ethics
LW	409		3	WThF	7:40	LW	104	Day, J. W.	Property III
LW	413		3	ThFS	8:40	LW	120	Yonge, P. K.	Procedure II
LW	433		3	MTW	8:40	LW	120	Black, K. L.	Estates & Trusts I
LW	434		3	WThF	11:40	LW	203	Macdonald, W. D.	Fiduciary Administration I
LW	435		2	WTh	11:40	LW	104	Maloney, F. E.	Equity II
LW	438		2	ThF	8:40	LW	104	Scoles, E. F.	Fiduciary Administration II
LW	440		2	MT	9:40	LW	201	Tomlin, R. F.	Business Organizations
LW	441		2	MT	11:40	LW	203	Clark, V. W.	Taxation I
LW	442		2	MT	9:40	LW	120	Stephens, R. B.	Taxation II
LW	502		2	MT	11:40	LW	104	Maloney, F. E.	Damages
LW	504		2	ThF	9:40	LW	203	Krastin, K.	Municipal Corporations
LW	505		2	MT	9:40	LW	203	Slagle, D.	Federal Jurisdiction
LW	506		3	WThF	9:40	LW	120	Delony, D.	Negotiable Instruments
LW	508		3	MTW	11:40	LW	201	Scoles, E. F.	Conflict of Laws
LW	509		2	WTh	12:40	LW	104	Delony, D.	Sales
LW	513		3	MTW	10:40	LW	104	Day, J. W.	Future Interests
LW	516	1	2	T	7:00-10:00 PM	LW	120	Richardson, J. R.	Practice Court
LW	516	2	2	Th	7:00-10:00 PM	LW	120	Richardson, J. R.	Practice Court

(Continued on Next Page)

LAW—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
LW	518		2	ThF	10:40	LW	104	TeSelle, C. J.	Procedure III
LW	520		3	MTW	12:40	LW	203	Krastin, K.	Creditors' Rights
LW	536		3	MTW	8:40	LW	104	Macdonald, W. D.	Security Transactions
LW	537		2	MT	1:40	LW	201	Black & Richardson	Office Practice
LW	538		1	Alt. T 8:00 to 9:50 PM		LW	201	Miller, G. J.	Seminar in Legal Philosophy
LW	539		2	W	1:40 to 3:30	LW	203	Black, K. L.	Estates Planning
LW	541		2	ThF	11:40	LW	201	Stephens, R. B.	Taxation III
LW	546		2	MT	2:40	LW	104	Miller, G. J.	Seminar in Legislative Drafting
LW	590		1	To arrange				Miller & Mautz	Law Review
LW	601		*					Scoles & Mautz	Legal Research

* Variable. Credit assigned must be shown on registration blank.

LIBRARY SCIENCE

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
LY	301		3	MWF	10:40	LI	454	Knox, M. E.	Introduction to Library Materials
LY	303		3	MWF	9:40	LI	454	Dickison, R. R.	Library Organization and Administration
LY	402		2	TTh	9:40	LI	454	Grazier, R. T.	Library Materials for the Social Sciences and Humanities

MATHEMATICS

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
MS	105	1	4	MWThF	7:40	PE	101		Basic Mathematics
MS	105	2	4	MTWF	7:40	PE	102		
MS	105	3	4	MWThF	8:40	PE	101		

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
MS	105	4	4	MTWF	8:40	PE	102		
MS	105	5	4	MWThF	9:40	PE	101		
MS	105	6	4	MTWF	9:40	PE	102		
MS	105	7	4	MWThF	10:40	PE	101		
MS	105	8	4	MTWF	10:40	PE	102		
MS	105	9	4	MWThF	11:40	PE	101		
MS	105	10	4	MTWF	11:40	PE	102		
MS	105	11	4	MWThF	12:40	PE	101		
MS	105	12	4	MWThF	1:40	PE	101		
MS	105	13	4	MTWF	2:40	PE	101		
MS	105	14	4	MTWF	3:40	PE	101		
MS	105	15	4	MTWTh	4:40	PE	101		
MS	106	1	4	MWThF	7:40	PE	4		Basic Mathematics
MS	106	2	4	MWThF	8:40	PE	4		
MS	106	3	4	MWThF	9:40	PE	4		
MS	106	4	4	MWThF	10:40	PE	4		
MS	106	5	4	MWThF	11:40	PE	4		
MS	106	6	4	MWThF	12:40	PE	4		
MS	106	7	4	MTWF	3:40	PE	4		
MS	208	1	3	TThS	7:40	WA	209		Business Mathematics
MS	208	2	3	MWF	8:40	PE	10		
MS	208	3	3	TThS	8:40	WA	209		
MS	208	4	3	MWF	9:40	PE	10		
MS	208	5	3	MWF	10:40	PE	10		
MS	208	6	3	MWF	11:40	PE	10		
MS	208	7	3	MWF	2:40	PE	10		
MS	208	8	3	F	7:00- 9:30 PM	PE	10		
MS	225	1	3	MWF	3:40	PE	102		Arithmetic for Teachers
MS	225	2	3	F	7:00- 9:30 PM	PE	102		
MS	308		3	MWF	2:40	WA	209	Pirenian, Z. M.	Mathematics of Finance
MS	310		3	MWF	8:40	WA	209	Meyer, H. A.	Statistical Methods
MS	311		3	MWF	12:40	WA	209	Hadlock, E. H.	Advanced College Algebra
MS	325		3	MWF	4:40	WA	209	Gager, W. A.	Advanced General Mathematics
MS	353	1	4	MWThF	7:40	PE	11		Differential Calculus
MS	353	2	4	MTWF	8:40	PE	11		
MS	353	3	4	MWThF	9:40	PE	11		
MS	353	4	4	MTWF	9:40	WA	211		

(Continued on Next Page)

MATHEMATICS—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
MS	353	5	4	MWThF	10:40	PE	11		
MS	353	6	4	MWThF	11:40	PE	11		
MS	353	7	4	MTWF	12:40	PE	11		
MS	353	8	4	MTWTh	1:40	PE	11		
MS	353	9	4	MTWTh	4:40	WA	211		
MS	354	1	4	MTWF	7:40	WA	211		Integral Calculus
MS	354	2	4	MWThF	8:40	WA	211		
MS	354	3	4	MWThF	10:40	WA	211		
MS	354	4	4	MTWF	11:40	WA	211		
MS	354	5	4	MTWF	3:40	WA	211		
MS	355		3	TThS	7:40	PE	10	Patterson, P. B.	Intermediate Calculus
MS	402		3	MWF	7:40	PE	10	Dostal, B. F.	Solid Analytic Geometry
MS	411		3	TThS	8:40	WA	213	Pirenian, Z. M.	Survey of Modern Algebra
MS	420	1	3	MWF	11:40	WA	213		Differential Equations
MS	420	2	3	TThS	9:40	WA	213		
MS	421		3	MWF	8:40	WA	213	Blake, R. G.	Higher Math for Engineers
MS	422		3	TThS	9:40	PE	7	Blake, R. G.	Higher Mathematics for Engineers and Physicists
MS	431		3	MWF	10:40	WA	207	Gormsen, S. T.	College Geometry
MS	502		3	TThS	7:40	WA	213		Vector Analysis
MS	507		3	TThS	8:40	WA	213	Smith, C. B.	Tensor Analysis
MS	511		3	TThS	11:40	WA	213	Ellis, D.	Introduction to Higher Algebra
MS	519		3	MWF	10:40	WA	213	Meyer, H. A.	Theory of Probability and Theory of Sampling
MS	521		3	MWF	11:40	WA	209	Phipps, C. G.	Empirical Analysis and Curve Fitting
MS	524		3	TThS	10:40	WA	207	Kokomoor, F. W.	Synthetic Projective Geometry
MS	539		3	MWF	7:40	WA	213	Cowan, R. W.	Partial Differential Equations
MS	551		3	MWF	10:40	WA	209	Hutcherson, W. R.	Advanced Topics in Calculus
MS	555		3	MWF	8:40	WA	207	Lang, G. B.	Functions of a Complex Variable
MS	590		*	To arrange				Staff	Individual Work

* Variable. Credit assigned must be shown on registration blank.

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
ML	181	1	2	MW	8:40-10:30	EI	516		Engineering Drawing
				F	8:40	EI	516		
ML	181	2	2	TTh	8:40-10:30	EI	516		
				S	8:40	EI	516		
ML	181	3	2	MW	10:40-12:30	EI	516		
				F	10:40	EI	516		
ML	181	4	2	TTh	10:40-12:30	EI	516		
				S	10:40	EI	516		
ML	181	5	2	MW	1:40- 3:30	EI	516		
				F	1:40	EI	516		
ML	181	6	2	MW	3:40- 5:30	EI	516		
				F	3:40	EI	516		
ML	181	7	2	MW	8:40-10:30	EI	516		
				F	9:40	EI	516		
ML	181	8	2	TTh	8:40-10:30	EI	516		
				S	9:40	EI	516		
ML	181	9	2	MW	3:40- 5:30	EI	516		
				F	4:40	EI	516		
ML	182	1	2	MW	10:40-12:30	EI	516		Descriptive Geometry
				F	11:40	EI	516		
ML	182	2	2	TTh	10:40-12:30	EI	516		
				S	11:40	EI	516		
ML	182	3	2	MW	1:40- 3:30	EI	516		
				F	2:40	EI	516		
ML	281	1	3	MW	1:40	EI	440		Elementary Design
				M	2:40- 5:30	EI	526		
MY	281	2	3	TTh	1:40	EI	440		
				T	2:40- 5:30	EI	526		
ML	282	1	3	TTh	9:40	EI	440		Mechanism & Kinematics
				W	2:40- 5:30	EI	526		
ML	282	2	3	TTh	10:40	EI	440		
				F	2:40- 5:30	EI	526		
ML	282	3	3	TTh	1:40	EI	521		
				S	9:40-12:30	EI	526		
ML	282	4	3	TTh	8:40	EI	526		
				Th	2:40- 5:30	EI	526		
ML	381		3	MWF	10:40	EI	521		Elementary Heat Power

(Continued on Next Page)

MECHANICAL ENGINEERING—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking ML 384 will register for the lecture (Section 1) and one laboratory (Section 11, 12, or 13).									
ML	384	1	3	TTh	8:40	EI	512		Metallography & Heat Treatment
ML	384	11		T	2:40- 5:30	EI	550		
ML	384	12		F	2:40- 5:30	EI	550		
ML	384	13		M	2:40- 5:30	EI	550		
ML	385	1	3	MWF	8:40	EI	521		Thermodynamics
ML	385	2	3	MWF	9:40	EI	440		
ML	385	3	3	TThS	8:40	EI	521		
ML	385	4	3	TThS	9:40	EI	521		
ML	386	1	3	MWF	9:40	EI	512		Power Engineering
ML	386	2	3	MWF	10:40	EI	512		
Students taking ML 387 will register for one lecture (Section 1 or 2) and one laboratory (Section 11, 12, 13, 14, 15).									
ML	387	1	1	T	11:40	EI	521		Mechanical Laboratory
ML	387	2	1	Th	11:40	EI	521		
ML	387	11		M	2:40- 5:30	WA	103		
ML	387	12		T	2:40- 5:30	WA	103		
ML	387	13		W	2:40- 5:30	WA	103		
ML	387	14		Th	2:40- 5:30	WA	103		
ML	387	15		F	2:40- 5:30	WA	103		
Students taking ML 388 will register for one lecture (Section 1 or 2) and one laboratory (Section 11, 12, 13, or 14).									
ML	388	1	1	T	11:40	EI	440		Mechanical Laboratory
ML	388	2	1	Th	11:40	EI	440		
ML	388	11		M	2:40- 5:30	WA	103		
ML	388	12		W	2:40- 5:30	WA	103		
ML	388	13		T	2:40- 5:30	WA	103		
ML	388	14		F	2:40- 5:30	WA	103		
ML	390		3	MWF	10:40	EI	440		Thermodynamics, Advanced
ML	473	1	1	F	1:40	EI	512		Seminar
ML	473	2	1	F	1:40	EI	440		
ML	481		3	TThS	8:40	EI	440		Internal Combustion Engs.
ML	482		3	MWF	8:40	EI	440		Refrig. and Air Cond.
Students taking ML 483 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
ML	483	1	1	W	1:40	EI	334		Mechanical Laboratory
ML	483	11		W	2:40- 5:30	WA	103		
ML	483	12		Th	2:40- 5:30	WA	103		

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking ML 484 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
ML	484	1	1	M	1:40	EI	334		Mechanical Laboratory
ML	484	11		M	2:40- 5:30	WA	103		
ML	484	12		W	2:40- 5:30	WA	103		
Students taking ML 489 will register for one lecture (Section 1 or 2) and one laboratory (Section 11, 12, 13, 14, 15 or 16).									
ML	489	1	3	TTh	11:40	EI	328		Manufacturing Operations
ML	489	2	3	TTh	10:40	EI	328		
ML	489	11		M	2:40- 5:30	F	103		
ML	489	12		W	2:40- 5:30	F	103		
ML	489	13		Th	8:40-11:30	F	103		
ML	489	14		T	2:40- 5:30	F	103		
ML	489	15		Th	2:40- 5:30	F	103		
ML	489	16		F	2:40- 5:30	F	103		
Students taking ML 490 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
ML	490	1	3	TTh	1:40	EI	328		Manufacturing Operations
ML	490	11		Th	2:40- 5:30	BA	103		
ML	490	12		T	2:40- 5:30	BA	103		
ML	491		4	MWF	9:40	EI	521		Machine Design
				F	2:40- 5:30	EI	522		
ML	582		3	To arrange					Advanced Mechanical Design
ML	583		3	To arrange					Mechanical Research
ML	585		3	To arrange					Adv. Air Conditioning
ML	589		3	To arrange					Mechanical Laboratory, Advanced
ML	591		3	MWF	9:40	EI	409		Adv. Gas Turbines & Jet Eng.

METEOROLOGY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
MTY	101		4	MWF	9:40	BN	303	Purdy, D. R.	General Meteorology
				F	1:40- 4:30	BN	303		

MILITARY SCIENCE

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
MY	Drill	All		Th	2:40- 4:30	Fld.			
MY	101	1	1	MW	7:40	MI	6		First Year Basic—Army
MY	101	2	1	MW	8:40	MI	6		
MY	101	3	1	MW	9:40	MI	6		
MY	101	4	1	MW	10:40	MI	6		
MY	101	5	1	MW	11:40	MI	6		
MY	101	6	1	MW	12:40	MI	6		
MY	101	7	1	MW	1:40	MI	6		
MY	101	8	1	MW	2:40	MI	6		
MY	101	9	1	MW	3:40	MI	6		
MY	101	10	1	MW	4:40	MI	6		
MY	101	11	1	TTh	7:40	MI	6		
MY	101	12	1	TTh	8:40	MI	6		
MY	101	13	1	TTh	9:40	MI	6		
MY	101	14	1	TTh	10:40	MI	6		
MY	101	15	1	TTh	11:40	MI	6		
MY	101	16	1	TTh	12:40	MI	6		
MY	101	17	1	TTh	1:40	MI	6		
MY	101	18	1	TTh	4:40	MI	6		
MY	101	19	1	MW	9:40	MI	7		First Year Basic—Air Force
MY	101	20	1	MW	11:40	MI	7		
MY	101	21	1	MW	12:40	MI	7		
MY	101	22	1	MW	1:40	MI	7		
MY	101	23	1	MW	2:40	MI	7		
MY	101	24	1	MW	3:40	MI	7		
MY	101	25	1	TTh	8:40	MI	7		
MY	101	26	1	TTh	9:40	MI	7		
MY	101	27	1	TTh	10:40	MI	7		
MY	101	28	1	TTh	11:40	MI	7		
MY	101	29	1	TTh	12:40	MI	7		
MY	101	30	1	TTh	1:40	MI	7		
MY	101	31	1	TTh	4:40	MI	7		
MY	102	1	1	MW	3:40	MI	3		First Year Basic—Air Force
MY	102	2	1	MW	4:40	MI	3		
MY	102	3	1	TTh	7:40	MI	7		
MY	201	1	1	MW	10:40	MI	2		Second Year Basic Infantry
MY	201	2	1	MW	11:40	MI	2		
MY	201	3	1	MW	2:40	MI	2		

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
MY	201	4	1	MW	3:40	MI	2		
MY	201	5	1	TTh	10:40	MI	2		
MY	201	6	1	TTh	11:40	MI	2		
MY	203	1	1	MW	10:40	MI	1		Second Year Basic Artillery
MY	203	2	1	MW	11:40	MI	1		
MY	203	3	1	MW	2:40	MI	1		
MY	203	4	1	MW	3:40	MI	1		
MY	203	5	1	TTh	10:40	MI	1		
MY	203	6	1	TTh	11:40	MI	1		
MY	205	1	1	MW	10:40	MI	5		Second Year Basic Trans. Corps
MY	205	2	1	MW	11:40	MI	5		
MY	205	3	1	MW	2:40	MI	5		
MY	205	4	1	MW	3:40	MI	5		
MY	205	5	1	TTh	10:40	MI	5		
MY	205	6	1	TTh	11:40	MI	5		
MY	207	1	1	MW	9:40	MI	3		Second Year Basic—Air Force
MY	207	2	1	MW	1:40	MI	3		
MY	207	3	1	MW	2:40	MI	3		
MY	207	4	1	TTh	8:40	MI	3		
MY	207	5	1	TTh	9:40	MI	3		
MY	207	6	1	TTh	10:40	MI	3		
MY	207	7	1	TTh	11:40	MI	3		
MY	207	8	1	TTh	1:40	MI	3		
MY	208		1	TTh	7:40	MI	3		Second Year Basic—Air Force
MY	301	1	2	MTWTh	7:40	MI	2		First Year Advanced Infantry
MY	301	2	2	MTWTh	12:40	MI	2		
MY	301	3	2	MTWTh	1:40	MI	2		
MY	303	1	2	MTWTh	7:40	MI	1		First Year Advanced Artillery
MY	303	2	2	MTWTh	12:40	MI	1		
MY	303	3	2	MTWTh	1:40	MI	1		
MY	305	1	2	MTWTh	12:40	MI	5		First Year Advanced Trans. Corps
MY	305	2	2	MTWTh	1:40	MI	5		
MY	305	3	2	MTWTh	4:40	MI	5		
MY	307	1	2	MWF	11:40	MI	3		First Year Advanced Air Force Administration and Logistics
				T	2:40	MI	3		

(Continued on Next Page)

MILITARY SCIENCE—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
MY	307	2	2	MWThF	12:40	MI	3		
MY	309	1	2	MWThF	12:40	EI	328		First Year Advanced—Air Force General Technical
MY	309	2	2	MWF	1:40	EI	521		
				Th	1:40	EI	334		
MY	311	1	2	MWF	12:40	EI	334		First Year Advanced—Air Force Air Installations
				Th	12:40	EI	346		
MY	311	2	2	MTWTh	1:40	EI	430		
MY	313	1	2	MWF	8:40	MI	7		First Year Advanced—Air Force Flight Operations
				T	2:40	MI	7		
MY	313	2	2	MWF	10:40	MI	7		
				T	3:40	MI	7		
MY	401	1	2	MTWTh	8:40	MI	2		Second Year Advanced Infantry
MY	401	2	2	MTWTh	9:40	MI	2		
MY	401	3	2	MTWTh	4:40	MI	2		
MY	403	1	2	MTWTh	8:40	MI	1		Second Year Advanced Artillery
MY	403	2	2	MTWTh	9:40	MI	1		
MY	403	3	2	MTWTh	4:40	MI	1		
MY	405	1	2	MTWTh	7:40	MI	5		Second Year Advanced Trans. Corps
MY	405	2	2	MTWTh	8:40	MI	5		
MY	405	3	2	MTWTh	9:40	MI	5		
MY	407	1	2	MWF	8:40	MI	3		Second Year Advanced—Air Force Administration and Logistics
				Th	12:40	MI	3		
MY	407	2	2	MWF	10:40	MI	3		
				F	7:40	MI	3		
MY	409	1	2	MWF	7:40	EI	328		Second Year Advanced—Air Force General Technical
				Th	12:40	EI	328		
MY	409	2	2	MWF	8:40	EI	416		
				Th	12:40	EI	328		
MY	411	1	2	MWF	7:40	EI	334		Second Year Advanced—Air Force Air Installations
				Th	12:40	EI	334		
MY	411	2	2	MWF	8:40	EI	409		
				Th	12:40	EI	334		

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
MSC	21		1	To arrange		R			Piano Class
MSC	25		1	To arrange		R			Voice Class
MSC	27		1	To arrange		R			String Class
MSC	35		1	To arrange		R			Woodwind Class
MSC	43		1	To arrange		R			Brass Class
MSC	51		1	To arrange		R			Percussion Class

All Applied Music Courses as outlined in the University of Florida General Catalogue will be offered during the First Semester of 1951-52.

MSC	100		3	MTWThF	10:40	R	202	Golz, W. A.	Fundamentals of Music
MSC	101		3	MTWThF	9:40	R	202	Wirtala, A. E.	Theory of Music
MSC	160	1	3	MWF	9:40	R	201	Paul, O. F.	Music Skills
MSC	160	2	3	S	9:40-12:30	R	201	Paul, O. F.	
MSC	161		3	MWF	8:40	R	201	Paul, O. F.	Music for the Elementary Child
MSC	162		2	TTh	9:40	R	201	Sterrett, D. E.	Introduction to Music Education
MSC	170		1	M Th	7:30 P.M. 4:40	R	144	Preodor, E.	University Orchestra
MSC	171		1	T	7:30 P.M.	R	122	Beecher, A. A.	Choral Union
MSC	172		1	MWF	4:40	R	122	Lupkiewicz, J. V.	Men's Glee Club
MSC	173		1	MWF	3:40	R	122	Sterrett, D. E.	Women's Glee Club
MSC	174	1	1	MTW	4:40	R	144	Bachman, H. B.	University Band
MSC	174	2	1	MWF	1:40	R	144	Poole, R.	
MSC	175		1	TTh	4:40	R	122	Lupkiewicz, J. V.	Choral Ensemble
MSC	176		1	TTh	9:40	R	144	Bolles, R. S.	Woodwind Ensemble
MSC	177		1	TTh	10:40	R	144	Preodor, E.	String Ensemble
MSC	178		1	TTh	8:40	R	144	Bachman, H. B.	Brass Ensemble
MSC	179		1	TTh	2:40	R	113	Lawrenson, R. E.	Piano Ensemble
MSC	201		4	MTWThF	8:40	R	202	Danburg, R. L.	Theory of Music
MSC	213		2	TTh	10:40	R	201	Murphree, C. L.	Church Music
MSC	260		3	MWF	1:40	R	201	Paul, O. F.	Music Education in the Elementary School
MSC	305		2	MWF	2:40	R	202	Poole, R.	Band Arranging
MSC	310	1	2	MWF	10:40	R	201	Murphree, C. L.	Music Appreciation
MSC	310	2	2	MWF	2:40	R	201	Murphree, C. L.	
MSC	313		2	TTh	2:40	R	201	Preodor, E.	Orchestra Literature
MSC	363		3	MWF	3:40	R	201	Schmidt, D. T.	Projects and Problems in Music Education
MSC	412		2	TTh	11:40	R	201	Wirtala, A. E.	Survey of Music History

PAINTING AND DRAWING

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PG	311		3	TThS	10:40-12:30	C	101		Freehand Drawing
PG	351		3	TThS	8:40-10:30	C	101		Landscape and Figure Painting I
PG	413		3	TThS	10:40-12:30	C	101		Freehand Drawing III
PG	414		3	TTh	7:00-10:00 PM	C	105		Graphic Arts
PG	453		6	TThS 6 hours to arrange	8:40-10:30	C	101		Figure and Portrait Painting
PG	454		6	TThS 6 hours to arrange	8:40-10:30	C	101		Special Problems in Painting

PHARMACEUTICAL CHEMISTRY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PCY	531		5	To Arrange				Lauter, W. M.	Analytical and Control Methods

PHARMACOGNOSY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking PGY 221 will register for the lecture (Section 1) and one laboratory (Section 11, 12, or 13).									
PGY	221	1	3	MWF	7:40	LE	207	Johnson, C. H.	Practical Pharmacognosy
PGY	221	11		MWF	8:40	LE	314		
PGY	221	12		MWF	9:40	LE	314		
PGY	221	13		T	1:40- 4:30	LE	314		
PGY	501		4	To Arrange				Johnson, C. H.	Advanced Histology
PGY	503		2	To Arrange				Johnson, C. H.	Microanalytical Pharmacognosy

PHARMACOLOGY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking PLY 363 will register for the lecture (Section 1) and one laboratory (Section 11, 12, or 13).									
PLY	363	1	5	MWF	12:40	LE	207	Freyburger, S. W.	Applied Physiology
PLY	363	11		M	1:40- 3:30	LE	314		
				S	9:40-11:30	LE	314		
PLY	363	12		TTh	8:40-10:30	LE	314		

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PLY	363	13		TTh	10:40-12:30	LE	314		
PLY	451		3	TThS	10:40	FL	108	Fox, L. E.	Principles of Biologicals
Students taking PLY 455 will register for the lecture (Section 1) and one laboratory (Section 11, 12, or 13).									
PLY	455	1	3	TTh	11:40	FL	108	Gramling, L. G.	New Remedies
PLY	455	11		M	3:40- 5:30	LE	314		
PLY	455	12		F	1:40- 3:30	LE	314		
PLY	455	13		F	3:40- 5:30	LE	314		
PLY	501		5	MWF	10:40	LE	448	Voss, E.	Neurology
				WF	1:40- 5:30	LE	448		
PLY	507		3	To Arrange				Fox, L. E.	Advanced Pharmacology
PLY	509		1	T	1:40- 4:30	LE	444	Fox, L. E.	Advanced Pharmacology Lab.
PLY	521		4	MW	8:40	LE	448	Voss, E.	Mammalian Histology
				TTh	8:40-11:30	LE	448		
PLY	550		4	To Arrange				Fox, L. E.	Advanced Pharmacological Testing

PHARMACY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PHY	106	1	2	TTh	10:40	LE	324	Duckworth, F. A.	Pharmaceutical Calculations
PHY	106	2	2	TTh	11:40	LE	324	Duckworth, F. A.	
Students taking PHY 211 will register for the lecture (Section 1) and one laboratory (Section 11, 12, or 13).									
PHY	211	1	5	MWF	9:40	LE	207	Becker, C. H.	Inorganic Pharmacy
PHY	211	11		M	1:40- 5:30	LE	306		
PHY	211	12		W	1:40- 5:30	LE	306		
PHY	211	13		F	1:40- 5:30	LE	306		
Students taking PHY 223 will register for one lecture (Sections 1 or 2) and one laboratory (Section 11, 12, or 13).									
PHY	223	1	3	MW	11:40	LE	118	Hamner, M. E.	Galenical Pharmacy
PHY	223	2	3	TTh	11:40	LE	118	Hamner, M. E.	
PHY	223	11		T	1:40- 4:30	LE	306		
PHY	223	12		Th	8:40-11:30	LE	306		
PHY	223	13		Th	1:40- 4:30	LE	306		
PHY	353		5	TThS	8:40	LE	432	Gramling, L. G.	Organic and Analytical Pharmacy
				F	1:40- 5:30	LE	322		
Students taking PHY 354 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
PHY	354	1	5	MWF	8:40	LE	118	Foote, P. A.	Organic and Analytical Pharmacy

(Continued on Next Page)

PHARMACY—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PHY	354	11		T	1:40- 5:30	LE	322		
PHY	354	12		Th	1:40- 5:30	LE	322		
PHY	361	1	4	MW	11:40	LE	324	Husa, W. J.	Prescriptions & Dispensing
				MW	9:40-11:30	LE	306		
PHY	361	2	4	TTh	8:40	LE	324	Husa, W. J.	
				MW	11:40- 1:30	LE	306		
PHY	372		4	MWFS	10:40	LE	324	Duckworth, F. A.	Commercial Pharmacy
PHY	381	1	2	MW	2:40	LE	324	Duckworth, F. A.	Pharmaceutical Jurisprudence
PHY	381	2	2	TTh	9:40	LE	324		
PHY	402	1	2	MW	9:40	LE	324	Duckworth, F. A.	Pharmaceutical Arithmetic
PHY	402	2	2	MW	1:40	LE	324		
PHY	432		3	S	8:40	LE	324	Lauter, W. M.	Advanced Drug Analysis
				MW	1:40- 4:30	LE	322		
PHY	441	1	2	T	1:40- 5:30	LE	418	Becker, C. H.	Manufacturing Pharmacy
PHY	441	2	2	Th	1:40- 5:30	LE	418	Becker, C. H.	
PHY	503		2	TTh	10:40	LE	402	Husa, W. J.	Advanced Pharmacy
PHY	543		4	TTh	9:40	LE	339	Becker, C. H.	Pharmaceutical Equipment & Machinery
				W	1:40- 5:30	LE	418		

PHILOSOPHY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PPY	201	1	3	MWF	11:40	AN	104	Bartlett, G. R.	Introduction to Philosophy
PPY	201	2	3	MWF	1:40	AN	104	Oliver, J. W.	
PPY	201	3	3	TThS	8:40	AN	104	Bartlett, G. R.	
PPY	301		3	MWF	8:40	AN	104	Bartlett, G. R.	Ethics
PPY	307		3	TTh**	9:40	AN	104	Oliver, J. W.	Theory of Knowledge
PPY	309		3	MWF	10:40	AN	104	Oliver, J. W.	Deductive Logic
PPY	409		3	MWF	9:40	AN	104		Ancient and Medieval Philosophy
PPY	453		3	To arrange				Conner, F. W.	U. S. Hisory of Philosophic Thought
PPY	504		3	To arrange					Philosophy of Nature
PPY	516		3	To arrange					Plato Seminar
PPY	570		*	To arrange					Individual Work

* Variable. Credit assigned must be shown on registration blank.
**Third hour to be arranged.

PHYSICAL EDUCATION, HEALTH AND ATHLETICS

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PHA	131		3	MWF	9:40-11:30 (Open only to men)	FG	210	Cherry, H. S.	Coaching of Football
PHA	132		3	MWF	1:40- 3:30 (Open only to men)	FG	224	Philpott, F. E.	Coaching of Track
PHA	141		1	TTh	10:40-12:30	FG	222	Potter, W. M.	Tennis
PHA	142		1	TThS	9:40 (Open only to men)	FG	224	Harlan, W. E.	Gymnastics and Tumbling I
PHA	144		1	TTh	12:40- 2:30 (Open only to men)	FG	224	Ryan, J. E.	Swimming and Water Sports
PHA	151	1	2	TTh	8:40	FG	208	Stanley, D. K.	Introduction to Physical Education, Health, Athletics & Recreation
PHA	151	2	2	TTh	11:40	FG	210	Crawford, W. H.	
PHA	151	3	2	TTh	1:40	FG	210	Boyd, C. A.	
PHA	171		2	MWF	7:40- 9:30	FG	222		Folk Dancing
PHA	231		3	MWF	7:40- 9:30 (Open only to men)	FG	224	McCachren, J. R.	Coaching of Basketball
PHA	232		3	MWF	9:40-11:30 (Open only to men)	FG	224	Fuller, D. D.	Coaching of Baseball
PHA	241		1	TTh	7:40- 9:30	FG	210	Rehling, C. H.	Golf
PHA	245		2	MWF	9:40-11:30	FG	206	Boyd, C. A.	Team Games for Men
PHA	247		2	MWF	9:40-11:30	FG	222		Team Sports for Women
PHA	261	1	3	MWF	11:40	FG	208	Hicks, D. A.	Personal Hygiene
PHA	261	2	3	MWF	1:40	FG	208	Hicks, D. A.	
PHA	264		2	TTh	10:40	FG	206	Loft, B. I.	First Aid
PHA	315	1	3	MWF	8:40	FG	206	Boyd, C. A.	Applied Anatomy and Physiology
PHA	315	2	3	MWF	1:40	FG	206	Boyd, C. A.	
PHA	316		2	TTh	1:40	FG	206	Staton, W. M.	The Physiology of Exercise
PHA	322		3	TTh	11:40 Lab to arrange	FG	206		Camp Programs and Counselor Training
PHA	324		3	MWF	12:40	FG	224		Social Recreation
PHA	325	1	3	MWF	8:40	FG	208		The Conduct of Playgrounds and Indoor Centers
PHA	325	2	3	MWF	1:40	FG	210		
PHA	345		3	MWF	11:40- 1:30 (Open only to women)	FG	222		Methods and Materials in the Teaching of Team Games

(Continued on Next Page)

Physical Education, Health and Athletics—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PHA	351	1	2	TTh	9:40 (Open only to men)	FG	206	Cherry, H. S.	Intramural Athletics and Officiating
PHA	351	2	2	TTh	1:40 (Open only to women)	FG	222		
PHA	355		3	TThS	8:40-10:30 (Open only to women)	FG	222		Methods and Materials in the Teaching of Individual Sports
PHA	361	1	3	MWF	9:40	FG	208	Crawford, W. H.	The Elementary School Health Program
PHA	361	2	3	MWF	12:40	FG	208	Staton, W. M.	
PHA	361	3	3	MWF	2:40	FG	208	Staton, W. M.	
PHA	362		3	TThS	9:40	FG	208	Hicks, D. A.	The Secondary School Health Program
PHA	363	1	3	MWF	10:40	FG	208	Stevens, B. K.	Teaching Physical Education in the Secondary School
PHA	363	2	3	TThS	8:40	FG	206	McGriff, J.	
PHA	371		3	MWF	1:40- 3:30 (Open only to women)	FG	222		Methods and Materials in the Teaching of Rhythmical Activities
PHA	373	1	3	TTh	10:40-12:30	FG	208		Teaching Physical Education in the Elementary School
PHA	373	2	3	TTh	1:40- 3:30	FG	208		
PHA	422		3	To arrange		FG	303	Hicks, D. A.	The Community Health Education Program
PHA	441		3	MWF	11:40	FG	206	Salt, E. B.	Administration of Physical Education and Athletics
PHA	447		3	To arrange		FG	304		The Operation of Recreation Programs
PHA	491		3	To arrange		FG	303	Hicks, D. A.	The Operation of Community Health Education Programs
PHA	501		3	MWF	8:40	FG	210	Stevens, B. K.	Interpretations of Physical Education
PHA	505		3	MWF	11:40	FG	210	Staton, W. M.	Research Methods in Physical Education, Health Education and Recreation
PHA	515		3	Th	7:00- 9:30 P.M.	FG	206	Crawford, W. H.	Supervision of Physical Education
PHA	533		3	T	7:00- 9:30 P.M.	FG	206	Salt, E. B.	Problems in Physical Education

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Student must select one section.									
PL	101	1		MW	8:40-10:30	FG			Physical Education for men who have had no Physical Education in college.
PL	101	2		MW	9:40-11:30	FG			
PL	101	3		MW	10:40-12:30	FG			
PL	101	4		MW	11:40- 1:30	FG			
PL	101	5		MW	12:40- 2:30	FG			
PL	101	6		MW	1:40- 3:30	FG			
PL	101	7		MW	2:40- 4:30	FG			
PL	101	8		TTh	8:40-10:30	FG			
PL	101	9		TTh	9:40-11:30	FG			
PL	101	10		TTh	10:40-12:30	FG			
PL	101	11		TTh	11:40- 1:30	FG			
PL	101	12		TTh	12:40- 2:30	FG			
PL	101	13		MF	8:40-10:30	FG			
PL	101	14		MF	9:40-11:30	FG			
PL	101	15		WF	10:40-12:30	FG			
PL	101	16		WF	11:40- 1:30	FG			
PL	101	17		WF	12:40- 2:30	FG			
PL	101	18		TF	12:40- 2:30	FG			
PL	101	19		TF	1:40- 3:30	FG			
PL	101	20		To Arrange: For attendance, if cannot fit above sections—any combination with day in between.					
PL	101	21		Elective					
Student must select one section.									
PL	102	1		MW	8:40-10:30	FG			Physical Education for men who have had one semester of Physical Education in College.
PL	102	2		MW	9:40-11:30	FG			
PL	102	3		MW	10:40-12:30	FG			
PL	102	4		MW	11:40- 1:30	FG			
PL	102	5		MW	12:40- 2:30	FG			
PL	102	6		MW	1:40- 3:30	FG			
PL	102	7		MW	3:40- 5:30	FG		(Open only to College of Architecture and Allied Arts students)	
PL	102	8		TTh	8:40-10:30	FG			
PL	102	9		TTh	9:40-11:30	FG			
PL	102	10		TTh	10:40-12:30	FG			
PL	102	11		TTh	11:40- 1:30	FG			
PL	102	12		TTh	12:40- 2:30	FG			
PL	102	13		MF	8:40-10:30	FG			

(Continued on Next Page)

PHYSICAL FITNESS AND SPORTS—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PL	102	14		MF	9:40-11:30	FG			
PL	102	15		WF	10:40-12:30	FG			
PL	102	16		WF	11:40- 1:30	FG			
PL	102	17		WF	12:40- 2:30	FG			
PL	102	18		TF	12:40- 2:30	FG			
PL	102	19		TF	1:40- 3:30	FG			
PL	102	20		To Arrange: For attendance, if cannot fit above sections—any combination with day in between.					
PL	102	21		Elective					
Student must select one section.									
PL	103	1		MW	8:40-10:30	FG			Physical Education for men who have had two semesters of Physical Education in college.
PL	103	2		MW	9:40-11:30	FG			
PL	103	3		MW	10:40-12:30	FG			
PL	103	4		MW	11:40- 1:30	FG			
PL	103	5		MW	12:40- 2:30	FG			
PL	103	6		MW	1:40- 3:30	FG			
PL	103	7		MW	3:40- 5:30	FG		(Open only to College of Architecture and Allied Arts students)	
PL	103	8		TTh	8:40-10:30	FG			
PL	103	9		TTh	9:40-11:30	FG			
PL	103	10		TTh	10:40-12:30	FG			
PL	103	11		TTh	11:40- 1:30	FG			
PL	103	12		TTh	12:40- 2:30	FG			
PL	103	13		MF	8:40-10:30	FG			
PL	103	14		MF	9:40-11:30	FG			
PL	103	15		WF	10:40-12:30	FG			
PL	103	16		WF	11:40- 1:30	FG			
PL	103	17		WF	12:40- 2:30	FG			
PL	103	18		TF	12:40- 2:30	FG			
PL	103	19		TF	1:40- 3:30	FG			
PL	103	20		To Arrange: For attendance, if cannot fit above sections—any combination with day in between.					
PL	103	21		Elective					
Student must select one section.									
PL	104	1		MW	8:40-10:30	FG			Physical Education for men who have had three semesters of Physical Education in college.
PL	104	2		MW	9:40-11:30	FG			
PL	104	3		MW	10:40-12:30	FG			
PL	104	4		MW	11:40- 1:30	FG			
PL	104	5		MW	12:40- 2:30	FG			
PL	104	6		MW	1:40- 3:30	FG			

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PL	104	7		MW	3:40- 5:30	FG		(Open only to College of Architecture and Allied Arts students)	
PL	104	8		TTh	8:40-10:30	FG			
PL	104	9		TTh	9:40-11:30	FG			
PL	104	10		TTh	10:40-12:30	FG			
PL	104	11		TTh	11:40- 1:30	FG			
PL	104	12		TTh	12:40- 2:30	FG			
PL	104	13		MF	8:40-10:30	FG			
PL	104	14		MF	9:40-11:30	FG			
PL	104	15		WF	10:40-12:30	FG			
PL	104	16		WF	11:40- 1:30	FG			
PL	104	17		WF	12:40- 2:30	FG			
PL	104	18		TF	12:40- 2:30	FG			
PL	104	19		TF	1:40- 3:30	FG			
PL	104	20		To Arrange: For attendance, if cannot fit above sections—any combination with day in between.					
PL	104	21		Elective: Open to those who have passed Basic and proficient in four sports.					
Student must select one section.									
PL	105	1		MW	8:40-10:30	FG			Physical Education for men who have had four semesters of Physical Education in college.
PL	105	2		MW	9:40-11:30	FG			
PL	105	3		MW	10:40-12:30	FG			
PL	105	4		MW	11:40- 1:30	FG			
PL	105	5		MW	12:40- 2:30	FG			
PL	105	6		MW	1:40- 3:30	FG			
PL	105	7		MW	3:40- 5:30	FG		(Open only to College of Architecture and Allied Arts students)	
PL	105	8		TTh	8:40-10:30	FG			
PL	105	9		TTh	9:40-11:30	FG			
PL	105	10		TTh	10:40-12:30	FG			
PL	105	11		TTh	11:40- 1:30	FG			
PL	105	12		TTh	12:40- 2:30	FG			
PL	105	13		MF	8:40-10:30	FG			
PL	105	14		MF	9:40-11:30	FG			
PL	105	15		WF	10:40-12:30	FG			
PL	105	16		WF	11:40- 1:30	FG			
PL	105	17		WF	12:40- 2:30	FG			
PL	105	18		TF	12:40- 2:30	FG			
PL	105	19		TF	1:40- 3:30	FG			
PL	105	20		To Arrange: For attendance, if cannot fit above sections—any combination with day in between.					
PL	105	21		Elective: Open to those who have passed Basic and proficient in four sports.					

(Continued on Next Page)

PHYSICAL FITNESS AND SPORTS—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Student must select one section.									
PL	106	1		MW	8:40-10:30	FG			Physical Education for men who have had five semesters of Physical Education in college.
PL	106	2		MW	9:40-11:30	FG			
PL	106	3		MW	10:40-12:30	FG			
PL	106	4		MW	11:40- 1:30	FG			
PL	106	5		MW	12:40- 2:30	FG			
PL	106	6		MW	1:40- 3:30	FG			
PL	106	7		MW	3:40- 5:30	FG		(Open only to College of Architecture and Allied Arts students)	
PL	106	8		TTh	8:40-10:30	FG			
PL	106	9		TTh	9:40-11:30	FG			
PL	106	10		TTh	10:40-12:30	FG			
PL	106	11		TTh	11:40- 1:30	FG			
PL	106	12		TTh	12:40- 2:30	FG			
PL	106	13		MF	8:40-10:30	FG			
PL	106	14		MF	9:40-11:30	FG			
PL	106	15		WF	10:40-12:30	FG			
PL	106	16		WF	11:40- 1:30	FG			
PL	106	17		WF	12:40- 2:30	FG			
PL	106	18		TF	12:40- 2:30	FG			
PL	106	19		TF	1:40- 3:30	FG			
PL	106	20		To Arrange: For attendance, if cannot fit above sections—any combination with day in between.					
PL	106	21		Elective: Open to those who have passed Basic and proficient in four sports.					
Student must select one section.									
PL	107	1		MW	8:40-10:30	FG			Physical Education for men who have had six semesters of Physical Education in college.
PL	107	2		MW	9:40-11:30	FG			
PL	107	3		MW	10:40-12:30	FG			
PL	107	4		MW	11:40- 1:30	FG			
PL	107	5		MW	12:40- 2:30	FG			
PL	107	6		MW	1:40- 3:30	FG			
PL	107	7		MW	3:40- 5:30	FG		(Open only to College of Architecture and Allied Arts students)	
PL	107	8		TTh	8:40-10:30	FG			
PL	107	9		TTh	9:40-11:30	FG			
PL	107	10		TTh	10:40-12:30	FG			
PL	107	11		TTh	11:40- 1:30	FG			
PL	107	12		TTh	12:40- 2:30	FG			
PL	107	13		MF	8:40-10:30	FG			
PL	107	14		MF	9:40-11:30	FG			
PL	107	15		WF	10:40-12:30	FG			

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PL	107	16		WF	11.40- 1:30	FG			
PL	107	17		WF	12:40- 2:30	FG			
PL	107	18		TF	12:40- 2:30	FG			
PL	107	19		TF	1:40- 3:30	FG			
PL	107	20		To Arrange: For attendance, if cannot fit above sections—any combination with day in between.					
PL	107	21		Elective: Open to those who have passed Basic and proficient in four sports.					
Student must select one section.									
PL	108	1		MW	8:40-10:30	FG			Physical Education for men who have had seven semesters of Physical Education in college.
PL	108	2		MW	9:40-11:30	FG			
PL	108	3		MW	10:40-12:30	FG			
PL	108	4		MW	11:40- 1:30	FG			
PL	108	5		MW	12:40- 2:30	FG			
PL	108	6		MW	1:40- 3:30	FG			
PL	108	7		MW	3:40- 5:30	FG		(Open only to College of Architecture and Allied Arts students)	
PL	108	8		TTh	8:40-10:30	FG			
PL	108	9		TTh	9:40-11:30	FG			
PL	108	10		TTh	10:40-12:30	FG			
PL	108	11		TTh	11:40- 1:30	FG			
PL	108	12		TTh	12:40- 2:30	FG			
PL	108	13		MF	8:40-10:30	FG			
PL	108	14		MF	9:40-11:30	FG			
PL	108	15		WF	10:40-12:30	FG			
PL	108	16		WF	11:40- 1:30	FG			
PL	108	17		WF	12:40- 2:30	FG			
PL	108	18		TF	12:40- 2:30	FG			
PL	108	19		TF	1:40- 3:30	FG			
PL	108	20		To Arrange: For attendance, if cannot fit above sections—any combination with day in between.					
PL	108	21		Elective: Open to those who have passed Basic and proficient in four sports.					
PL	151	1		MW	8:40-10:30	WG			Physical Education for Women who have had no Physical Education in College.
PL	151	2		MW	9:40-11:30	WG			
PL	151	3		MW	10:40-12:30	WG			
PL	151	4		MW	11:40- 1:30	WG			
PL	151	5		MW	12:40- 2:30	WG			
PL	151	6		MW	1:40- 3:30	WG			
PL	151	7		TTh	8:40-10:30	WG			
PL	151	8		TTh	9:40-11:30	WG			
PL	151	9		TTh	10:40-12:30	WG			
PL	151	10		TTh	11:40- 1:30	WG			

(Continued on Next Page)

PHYSICAL FITNESS AND SPORTS—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PL	151	11		TTh	12:40- 2:30	WG			
PL	151	12		TTh	1:40- 3:30	WG			
PL	151	13		WF	8:40-10:30	WG			
PL	151	14		WF	9:40-11:30	WG			
PL	151	15		MW	1:40- 3:30	WG			
PL	151	16		TTh	10:40-12:30	WG			
PL	151	17		To arrange					
PL	152	1		MW	7:40- 9:30	WG			Physical Education for Women who have had one semester of Physical Education in College.
PL	152	2		MW	8:40-10:30	WG			
PL	152	3		MW	9:40-11:30	WG			
PL	152	4		MW	9:40-11:30	WG			
PL	152	5		MW	10:40-12:30	WG			
PL	152	6		MW	11:40- 1:30	WG			
PL	152	7		MW	11:40- 1:30	WG			
PL	152	8		MW	12:40- 2:30	WG			
PL	152	9		MW	1:40- 3:30	WG			
PL	152	10		MW	1:40- 3:30	WG			
PL	152	11		TTh	8:40-10:30	WG			
PL	152	12		TTh	8:40-10:30	WG			
PL	152	13		TTh	9:40-11:30	WG			
PL	152	14		TTh	9:40-11:30	WG			
PL	152	15		TTh	10:40-12:30	WG			
PL	152	16		TTh	10:40-12:30	WG			
PL	152	17		TTh	11:40- 1:30	WG			
PL	152	18		TTh	11:40- 1:30	WG			
PL	152	19		TTh	11:40- 1:30	WG			
PL	152	20		TTh	12:40- 2:30	WG			
PL	152	21		TTh	12:40- 2:30	WG			
PL	152	22		TTh	12:40- 2:30	WG			
PL	152	23		TTh	1:40- 3:30	WG			
PL	152	24		WF	11:40- 1:30	WG			
PL	152	25		To Arrange					
PL	153	1		MW	7:40- 9:30	WG			Physical Education for Women who have two semesters of Physical Education in College.
PL	153	2		MW	8:40-10:30	WG			
PL	153	3		MW	9:40-11:30	WG			
PL	153	4		MW	9:40-11:30	WG			
PL	153	5		MW	10:40-12:30	WG			
PL	153	6		MW	11:40- 1:30	WG			

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PL	153	7		MW	11:40- 1:30	WG			
PL	153	8		MW	12:40- 2:30	WG			
PL	153	9		MW	1:40- 3:30	WG			
PL	153	10		MW	1:40- 3:30	WG			
PL	153	11		TTh	8:40-10:30	WG			
PL	153	12		TTh	8:40-10:30	WG			
PL	153	13		TTh	9:40-11:30	WG			
PL	153	14		TTh	9:40-11:30	WG			
PL	153	15		TTh	10:40-12:30	WG			
PL	153	16		TTh	10:40-12:30	WG			
PL	153	17		TTh	11:40- 1:30	WG			
PL	153	18		TTh	11:40- 1:30	WG			
PL	153	19		TTh	11:40- 1:30	WG			
PL	153	20		TTh	12:40- 2:30	WG			
PL	153	21		TTh	12:40- 2:30	WG			
PL	153	22		TTh	12:40- 2:30	WG			
PL	153	23		TTh	1:40- 3:30	WG			
PL	153	24		WF	11:40- 1:30	WG			
PL	153	25		To Arrange					
PL	154	1		MW	7:40- 9:30	WG			Physical Education for Women who have had three semesters of Physical Education in College.
PL	154	2		MW	8:40-10:30	WG			
PL	154	3		MW	9:40-11:30	WG			
PL	154	4		MW	9:40-11:30	WG			
PL	154	5		MW	10:40-12:30	WG			
PL	154	6		MW	11:40- 1:30	WG			
PL	154	7		MW	11:40- 1:30	WG			
PL	154	8		MW	12:40- 2:30	WG			
PL	154	9		MW	1:40- 3:30	WG			
PL	154	10		MW	1:40- 3:30	WG			
PL	154	11		TTh	8:40-10:30	WG			
PL	154	12		TTh	8:40-10:30	WG			
PL	154	13		TTh	9:40-11:30	WG			
PL	154	14		TTh	9:40-11:30	WG			
PL	154	15		TTh	10:40-12:30	WG			
PL	154	16		TTh	10:40-12:30	WG			
PL	154	17		TTh	11:40- 1:30	WG			
PL	154	18		TTh	11:40- 1:30	WG			
PL	154	19		TTh	11:40- 1:30	WG			

(Continued on Next Page)

PHYSICAL FITNESS AND SPORTS—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PL	154	20		TTh	12:40- 2:30	WG			
PL	154	21		TTh	12:40- 2:30	WG			
PL	154	22		TTh	12:40- 2:30	WG			
PL	154	23		TTh	1:40- 3:30	WG			
PL	154	24		WF	11:40- 1:30	WG			
PL	154	25		To Arrange					

PHYSICS

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking PS 201 will register for one demonstration (Section 1, 2, or 3) and recitation (two-digit section number) and PS 207.									
PS	201	1		T	10:40	BN	203		General Physics
PS	201	2		T	11:40	BN	203		
PS	201	3		T	2:40	BN	203		
PS	201	11	3	MWF	7:40	BN	201		
PS	201	12	3	TThS	8:40	BN	203		
PS	201	13	3	MWF	9:40	BN	201		
PS	201	14	3	MWF	1:40	BN	201		
PS	201	15	3	MWF	11:40	BN	201		
PS	201	16	3	MWF	2:40	BN	201		
Students taking PS 202 will register for the demonstration (Section 1) and one recitation (Section 11 or 12) and PS. 208									
PS	202	1		Th	11:40	BN	203		General Physics
PS	202	11	3	MWF	11:40	BN	209		
PS	202	12	3	TThS	7:40	BN	201		
Students taking PS 205 will register for one demonstration (Section 1, 2, or 3) and recitation (two-digit section number) and PS 207.									
PS	205	1		T	10:40	BN	203		General Physics (Engrs.)
PS	205	2		T	11:40	BN	203		
PS	205	3		T	2:40	BN	203		
PS	205	11	3	MWF	7:40	BN	210		
PS	205	12	3	MWF	8:40	BN	210		
PS	205	13	3	MWF	9:40	BN	210		
PS	205	14	3	MWF	10:40	BN	210		

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PS	205	15	3	MWF	11:40	BN	210		
PS	205	16	3	MWF	12:40	BN	210		
PS	205	17	3	MWF	2:40	BN	210		
PS	205	18	3	TThS	7:40	BN	210		
PS	205	19	3	MWF	1:40	BN	210		
Students taking PS 206 will register for the demonstration (Section 1) and one recitation (Section 11, 12, or 13) and PS 208.									
PS	206	1		Th	11:40	BN	203		General Physics (Engrs.)
PS	206	11	3	MWF	12:40	BN	201		
PS	206	12	3	MWF	1:40	BN	209		
PS	206	13	3	TThS	8:40	BN	201		
PS	207	1	1	M	1:40- 4:30	BN	304	Teller, M. H.	Lab. for PS 201, 205 and 211.
PS	207	2	1	M	1:40- 4:30	BN	305		
PS	207	3	1	M	1:40- 4:30	BN	306		
PS	207	4	1	T	8:40-11:30	BN	306		
PS	207	5	1	T	1:40- 4:30	BN	304		
PS	207	6	1	T	1:40- 4:30	BN	305		
PS	207	7	1	T	1:40- 4:30	BN	306		
PS	207	8	1	W	8:40-11:30	BN	306		
PS	207	9	1	W	1:40- 4:30	BN	304		
PS	207	10	1	W	1:40- 4:30	BN	305		
PS	207	11	1	W	1:40- 4:30	BN	306		
PS	207	12	1	Th	8:40-11:30	BN	306		
PS	207	13	1	F	8:40-11:30	BN	306		
PS	207	14	1	F	1:40- 4:30	BN	304		
PS	207	15	1	F	1:40- 4:30	BN	305		
PS	207	16	1	F	1:40- 4:30	BN	306		
PS	207	17	1	T	8:40-11:30	BN	305		
PS	207	18	1	W	8:40-11:30	BN	305		
PS	207	19	1	F	8:40-11:30	BN	305		
PS	208	1	1	M	1:40- 4:30	BN	307	Teller, M. H.	Lab. for PS 202, 206
PS	208	2	1	T	8:40-11:30	BN	307		

(Continued on Next Page)

PHYSICS—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PS	208	3	1	T	1:40- 4:30	BN	307		
PS	208	4	1	W	8:40-11:30	BN	307		
PS	208	5	1	W	1:40- 4:30	BN	307		
PS	208	6	1	Th	8:40-11:30	BN	307		
PS	208	7	1	Th	12:40- 3:30	BN	307		
PS	208	8	1	F	8:40-11:30	BN	307		
PS	208	9	1	F	1:40- 4:30	BN	307		
PS	211		4	MTWThF	10:40	BN	201	Williamson, R. C.	General Physics
PS	226		3	TThS	7:40	BN	306	Teller, M. H.	Agricultural Physics
PS	303		*	To Arrange					Special Topics
PS	309		4	MWF	8:40	BN	209	Swanson, D. C.	Light
				W	1:40- 4:30	BN	104		
PS	320		3	MWF	9:40	BN	209	Millett, W. E.	Modern Physics
PS	404		3	T	11:40	BN	201	Smith, A. G.	Advanced Research Techniques
				F	1:40- 5:30	BN	106		
PS	405		3	TThS	8:40	BN	210	Hanson, H. P.	Theoretical Mechanics
PS	412		4	MWF	10:40	BN	209	Knowles, H. L.	Advanced Electricity
				T	1:40- 4:30	BN	104		
PS	501		5	MTWThF	11:40	BN	303	Williamson, R. C.	Theoretical Physics
PS	504		3	TThS	9:40	BN	210	Flowers, J. W.	Conduction of Electricity through Gases
PS	513		*	To arrange					Special Topics
PS	516		3	TThS	10:40	BN	209	Gordon, M. M.	Advanced Quantum Mechanics
PS	523		*	To arrange					Seminar in Modern Theory
PS	550			Th	3:40	BN	203		Colloquium
PS	568		3	TThS	9:40	BN	303	Pomeroy, D.	Biophysics

* Variable. Credit assigned must be shown on the registration blank.

PLANT PATHOLOGY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PT	321		3	M	8:40	HT	501	Owen, J. H.	Plant Pathology
				MW	1:40- 3:30	HT	501		
PT	421		3	M	10:40	HT	407	Owen, J. H.	Fungicides
				MW	3:40- 5:30	HT	407		
PT	424		3	M	11:40	HT	501	Weber, G. F.	Field Crop Diseases
				MW	3:40- 5:30	HT	501		
PT	425		3	M	7:40	HT	501	Weber, G. F.	Diseases of Ornamental Plants
				TTh	3:40- 5:30	HT	501		
PT	444		*	To arrange		HT	501	Owen, J. H.	Advanced Plant Pathology
PT	505		1	To arrange		HT	409	Owen, J. H.	History of Plant Pathology
PT	507		2	To arrange		HT	409	Weber, G. F.	Plant Disease Collections
PT	511		3	T	9:40	HT	501	Weber, G. F.	Tropical & Subtropical Plant Diseases
				WF	10:40-12:30	HT	501		
PT	535		3	T	7:40	HT	409	Weber, G. F.	Virus Disease of Plants
				MWF	7:40- 9:30				
PT	555		1	F	3:40	HT	409	Weber, G. F.	Seminar
PT	570		*	To arrange		HT	501	Owen, J. H.	Research in Plant Pathology

* Variable. Credit assigned must be shown on the registration blank.

POLITICAL SCIENCE

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PCL	301	1	3	TThS	10:40	PE	107	Bartley, E. R.	American Federal Government
PCL	301	2	3	MWF	11:40	PE	202	Bartley, E. R.	
PCL	301	3	3	MWF	8:40	PE	202	Koen, R. Y.	
PCL	301	4	3	M	7:30-10:00 PM	PE	107	Diamant, A.	
PCL	302	1	3	TThS	9:40	PE	107	Dovell, J. E.	American State and Local Government
PCL	302	2	3	MWF	9:40	PE	107	Dovell, J. E.	
PCL	309	1	3	MWF	10:40	PE	107	Hartmann, F. H.	International Relations
PCL	309	2	3	MWF	8:40	PE	107		
PCL	309	3	3	T	7:30-10:00 PM	PE	107	Wolff, G. E.	

(Continued on Next Page)

POLITICAL SCIENCE—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PCL	310		3	TTh	12:40	PE	201	Koen, R. Y.	International Relations
				T	1:40	PE	201	Koen, R. Y.	
PCL	317		3	MWF	9:40	PE	202	Wolff, G. E.	Principles of Political Science
PCL	351		3	MWF	2:40	PE	107	Marshall, H. R.	Public Administration
PCL	401		3	MWF	10:40	PE	202	Bartley, E. R.	American Constitutional Law
PCL	403		3	MWF	8:40	PE	201	Svarlien, O.	International Law
PCL	405		3	MWF	9:40	PE	201	Dauer, M. J.	History of Political Theory
PCL	407		3	MWF	10:40	PE	201	Diamant, A.	Comparative Government
PCL	409		3	TTh	12:40	PE	107	Svarlien, O.	American Foreign Policy
				Th	1:40	PE	107		
PCL	415		3	MWF	12:40	PE	107	Marshall, H. R.	Public Personnel Administration
PCL	420		3	MWF	1:40	PE	201	Carleton, W. G.	Political Parties
PCL	441		3	MWF	11:40	PE	201		Latin American Governments
PCL	513		3	TTh	12:40- 2:30	LI	420	Dauer, M. J.	Seminar in Scope and Method
PCL	525		3	To Arrange		LI	420	Larsen, W. F.	Seminar on Public Administration
PCL	527		3	TTh	2:40- 4:30	LI	420	Hartmann, F. H.	Seminar in International Relations
PCL	531		3	To Arrange		LI	420		Seminar in Latin American Governments
PCL	539		3	To Arrange		LI	420	Bartley, E. R.	Seminar in Public Law

PORTUGUESE

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students register for the lecture (Section 1) and three laboratory sections, as follows: one 3 digit section number beginning with 1, one 3 digit section number beginning with 2, and one 3 digit sectio n number beginning with 3.									
PE	33	1	3	TTh	9:40	AN	5	Ramirez, A.	First-Year Portuguese
PE	33	110		T	10:40	AN	9		
PE	33	111		T	4:40	AN	9		
PE	33	210		W	10:40	AN	9		
PE	33	211		Th	10:40	AN	9		
PE	33	310		M	7:40	AN	9		
PE	33	311		M	10:40	AN	9		

POULTRY HUSBANDRY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking PY-201 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
PY	201	1	3	MW	11:40	FL	210	Driggers, J. C.	Fundamentals in Poultry Production
PY	201	11		T	1:40- 3:30	PO			
PY	201	12		T	3:40- 5:30	PO			
PY	317		3	TTh	8:40	FL	102	Driggers, J. C.	Marketing Poultry Products
				W	1:40- 3:30	PO			
PY	415		3	TTh	9:40	FL	102	Mehrhof, N. R.	Poultry Management
				M	3:40- 5:30	PO			
PY	421		1	To arrange		PO		Mehrhof, N. R.	Seminar
PY	427		3	TTh	11:40	FL	102	Driggers, J. C.	Poultry Judging & Breeding
				M	1:40- 3:30	PO			
PY	429		3	To arrange		PO		Mehrhof, N. R.	Problems in Poultry Production
PY	514		*	To arrange				Driggers, J. C.	Advanced Poultry Nutrition
PY	517		*	To arrange				Driggers, J. C.	Advanced Poultry Marketing
PY	527		*	To arrange				Driggers, J. C.	Advanced Poultry Breeding
PY	531		3	To arrange				Mehrhof, N. R.	Advanced Poultry Management
PY	570		*	To arrange				Mehrhof, N. R.	Poultry Research Problems

* Variable. Credit assigned must be shown on the registration blank.

PSYCHOLOGY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PSY	201	1	3	MWF	8:40	PE	205	Anderson, R. J.	General Psychology
PSY	201	2	3	MWF	9:40	E	102	Anderson, R. J.	
PSY	201	3	3	MWF	10:40	E	102	Garrett, H. E.	
PSY	201	4	3	MWF	11:40	PE	205	Ricker, F. P.	
PSY	201	5	3	MWF	2:40	PE	205	Ricker, F. P.	
PSY	201	6	3	MWF	3:40	PE	205	Ricker, F. P.	
PSY	201	7	3	TThS	8:40	PE	205	Ricker, F. P.	
Students taking PSY-301 will register for the lecture (Section 1) and one laboratory (two-digit section number).									
PSY	301	1	3	MW	1:40	PE	205	Horne, E. P.	Experimental Psychology
PSY	301	11		M	2:40- 5:30	E	109	Horne, E. P.	
PSY	301	12		T	8:40-11:30	E	109	Nichols, J. W.	

(Continued on Next Page)

PSYCHOLOGY—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PSY	301	13		T	2:40- 5:30	E	109	Nichols, J. W.	
PSY	301	14		W	2:40- 5:30	E	109	Nichols, J. W.	
PSY	301	15		Th	2:40- 5:30	E	109	Horne, E. P.	
PSY	305		3	TThS	10:40	E	102	Rethlingshafer, D.	Social Psychology
PSY	306	1	3	TThS	9:40	AN	2	Martin, J. A.	Psychology Applied to Business and Industry
PSY	306	2	3	TThS	10:40	PE	205	Martin, J. A.	
PSY	309	1	3	MWF	9:40	PE	205	Hinckley, E. D.	Personality Development
PSY	309	2	3	MWF	10:40	PE	205	Hinckley, E. D.	
Students taking PSY-311 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
PSY	311	1	3	TTh	1:40	E	102	Garrett, H. E.	Psychological Measurement
PSY	311	11		T	2:40- 5:30	E	102	Garrett, H. E.	
PSY	311	12		Th	2:40- 5:30	E	102	Garrett, H. E.	
Students taking PSY-403 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
PSY	403	1	3	MW	1:40	E	102	Rethlingshafer, D.	Measurement of Intelligence
PSY	403	11		M	2:40- 5:30	E	102	Rethlingshafer, D.	
PSY	403	12		W	2:40- 5:30	E	102	Rethlingshafer, D.	
Students taking PSY-408 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
PSY	408	1	3	TTh	1:40	PE	205	Wimberly, S. E.	Comparative Psychology
PSY	408	11		T	2:40- 5:30	E	103	Wimberly, S. E.	
PSY	408	12		Th	2:40- 5:30	E	103	Wimberly, S. E.	
PSY	410		3	MWF	11:40	E	102	Wunderlich	Abnormal Psychology
PSY	414		3	MWF	12:40	AD	207	Anderson, R. J.	History of Psychology
PSY	417		3	TThS	8:40	AD	207	Dixon, J. C.	Methods in Clinical Psychology
PSY	425		3	To arrange					Individual Work in Experimental Psychology
PSY	510		3	MWF	8:40	E	102	Wunderlich, H.	Seminar in Psychopathology
PSY	515		3	TThS	11:40	E	102	Rethlingshafer, D.	Seminar in Experimental Social Psychology
Students taking PSY-519 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
PSY	519	1	3	TTh	10:40	E	107	Horne, E. P.	Advanced Experimental Psychology
PSY	519	11		T	2:40- 5:30	E	107	Horne, E. P.	
PSY	519	12		Th	2:40- 5:30	E	107	Nichols, J. W.	
PSY	524		3	TThS	8:40	E	102	Wunderlich	Sensation and Perception
PSY	525		3	To Arrange					Research

(Continued on Next Page)

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
PSY	526		3	MWF	10:40	E	107	Horne, E. P.	Seminar in Experimental Design
PSY	531		3	MW	2:40- 4:30	AD	207	Fagin, B.	Practice in Intelligence Testing
PSY	532		3	TThS	9:40	E	102	Garrett, H. E.	Mental Test Construction
PSY	536		6	To Arrange				Dixon, J. C.	Practicum in Clinical Psychology
PSY	543		3	TTh	12:40- 2:30	AD	207	Harlow	Introduction to the Rorschach Test
PSY	561		3	F	1:40- 4:30	E	109	Kleemeier, R. W.	Seminar in the Psychological Problems of Aging

REAL ESTATE

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
RE	291	1	3	MWF	7:40	I	105	McGough, B.	Real Estate Fundamentals
RE	291	2	3	MWF	9:40	I	108	Gattis, R. W.	
RE	291	3	3	TThS	9:40	I	105	McGough, B.	
RE	291	4	3	MWF	10:40	I	108	Gattis, R. W.	
RE	295		3	MWF	9:40	I	106	Ring, A. A.	Housing and Home Ownership
RE	390		3	MWF	8:40	I	105	Ring, A. A.	Property Valuation
RE	391		3	TThS	10:40	I	105	Chace, J. E.	Property Management
RE	392		3	TThS	8:40	I	105	Gattis, R. W.	Problems in Real Estate Brokerage
RE	393		3	MWF	9:40	I	105	Johnson, M. M.	Urban Land Utilization
RE	490		3	MWF	11:40	I	105	Ring, A. A.	Real Estate Appraising
RE	491		3	TThS	9:40	I	104	Johnson, M. M.	Principles and Problems of City Planning
RE	492		3	MWF	10:40	I	105	Johnson, M. M.	Real Estate Finance
RE	493		3	TThS	11:40	I	105	Gattis, R. W.	Real Estate Law
RE	590		3	T	12:40- 3:30	LI	417	Ring, A. A.	Problems in Property Valuation
RE	594		3	W	12:40- 3:30	LI	417	Chace, J. E.	Problems in Property Management

RELIGION

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
RN	241		3	MWF	9:40	I	204	Scudder, D. L.	Religious Foundations of Modern Life
RN	243		2	TTh	8:40	I	204	Philpott, H. M.	Religion in American Life
RN	341		3	MWF	8:40	I	204	Philpott, H. M.	Old Testament In Light of Today
RN	342		3	MWF	10:40	I	204	Philpott, H. M.	Career and Significance of Jesus
RN	351		3	MWF	11:40	I	204	Scudder, D. L.	Comparative Religion
RN	352		3	MWF	12:40	I	204	Scudder, D. L.	Comparative Religion
RN	362		3	TTh	11:40	I	204	Scudder, D. L.	Problems of Religious Philosophy
				T	12:40	I	204		

RUSSIAN

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students registering for RSN 33 must register for the lecture (Section 1) and three laboratory sections, as follows: one 3 digit section number beginning with 1, one 3 digit section number beginning with 2, and one 3 digit section number beginning with 3.									
RSN	33	1	3	TTh	9:40	AN	18		First-Year Russian
RSN	33	110		T	10:40	AN	9		
RSN	33	111		T	1:40	AN	9		
RSN	33	210		Th	7:40	AN	9		
RSN	33	211		Th	10:40	AN	9		
RSN	33	310		F	3:40	AN	9		
RSN	33	311		M	7:40	AN	9		
RSN	34		3	MWF	12:40	AN	5		First-Year Russian
Students registering for RSN 201 must register for the lecture (Section 1) and three laboratory sections, as follows: one 3 digit section number beginning with 1, one 3 digit section number beginning with 2, and one 3 digit section number beginning with 3.									
RSN	201	1	3	TTh	8:40	AN	5		Second-Year Russian
RSN	201	110		M	1:40	AN	9		
RSN	201	111		T	2:40	AN	9		
RSN	201	210		W	3:40	AN	9		
RSN	201	211		Th	11:40	AN	9		
RSN	201	310		F	2:40	AN	9		
RSN	201	311		M	8:40	AN	9		

SCHOOL ART

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
SCA	253		3	T	7:00- 9:30 P.M.	YN	28	Mitchell, J. O.	General Art for the Elementary Grades
SCA	301		3	Th ..	7:00- 9:30 P.M.	YN	28	Mitchell, J. O.	Creative School Art

SOCIAL SCIENCES

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
SCS	491		3	M ..	7:30-10:00 P.M.	PE	109	Carleton, W. G. Dauer, M. J. Hanna, P. L. Quackenbush, O. F. Webb, J. N.	Masterpieces in the Social Sciences

SOCIAL STUDIES

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
SCL	205	1	3	MWF	8:40	WA	202	Cox, D. W.	Children and Culture
SCL	205	2	3	MWF	9:40	WA	202	Black, J. H.	
SCL	205	3	3	MWF	10:40	WA	202	Bamberger, F.	
SCL	205	4	3	MWF	11:40	WA	202	Bamberger, F.	
SCL	205	5	3	MWF	1:40	WA	202	McLendon, I. R.	
SCL	205	6	3	MWF	2:40	WA	202	Cox, D. W.	
SCL	205	7	3	TThS	8:40	WA	202	Black, J. H.	
SCL	206	1	3	TThS	9:40	WA	202	Black, J. H.	Children and Culture
SCL	206	2	3	TThS	10:40	WA	202	Bamberger, F.	
SCL	301		3	TThS	8:40	YN	134	Hilliard, P.	Children's Social Studies
SCL	302		3	M	7:00- 9:30 P.M.	YN	311	Hilliard, P.	Children's Social Studies

SOCIOLOGY

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
SY	241	1	3	MWF	7:40	PE	308	Burrus, J. N.	Sociological Foundations
SY	241	2	3	MWF	11:40	PE	308	MacLachlan, J. M.	
SY	241	3	3	MWF	2:40	PE	308	Atchley, M. H.	
SY	241	4	3	TThS	9:40	PE	308	Quackenbush, O. F.	
SY	303		3	MWF	10:40	PE	308	Vedder, C. B.	Problems of American Society
SY	316		3	TThS	9:40	PE	309	Atchley, M. H.	The Field of Social Work
SY	322		3	MWF	8:40	PE	309	Atchley, M. H.	Child in American Society
SY	324		3	MWF	11:40	AU		Vedder, C. B.	Criminology
SY	344	1	3	MWF	8:40	AU		Ehrmann, W. W.	Marriage and the Family
SY	344	2	3	MWF	12:40	AU		Ehrmann, W. W.	
SY	421		3	MWF	10:40	PE	309	Burrus, J. N.	Rural Sociology
SY	430		3	To arrange					Individual Work
SY	441		3	MWF	1:40	PE	308	Quackenbush, O. F.	Social Theory
SY	445		3	TThS	10:40	PE	308	Ehrmann, W. W.	The American Family
SY	450		3	MWF	8:40	PE	308	Smith, T. L.	Population and Public Affairs
SY	464		3	MWF	11:40	PE	301	Smith, T. L.	Peoples, Cultures and Social Institutions of Spanish America
SY	490		3	MWF	9:40	PE	308	MacLachlan, J. M.	The South Today
SY	519		3	MWF	2:40	PE	301	Burrus, J. N.	Advanced Study of Rural Society
SY	531		3	To arrange				Quackenbush, O. F.	Development of Social Thought
SY	546		3	To arrange				Smith, T. L.	Seminar in Population
SY	554		3	To arrange				Smith, T. L.	Seminar in Spanish American Cultures
SY	560		3	To arrange					Special Topics

SOILS

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
Students taking SLS-301 will register for one lecture (one digit section number) and one laboratory (two digit section number).									
SLS	301	1	3	MW	9:40	FL	208	Rothwell, D. F.	Soils
SLS	301	2	3	MW	10:40	FL	208	Spinks, D. O.	
SLS	301	3	3	MW	11:40	FL	208	Forbes, R. B.	
SLS	301	4	3	TTh	8:40	FL	208	Forbes, R. B.	
SLS	301	5	3	TTh	10:40	FL	208	Spinks, D. O.	

SOILS—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
SLS	301	6	3	TTh	11:40	FL	208	Rothwell, D. F.	
SLS	301	11		M	1:40- 3:30	FL	202	Rothwell, D. F.	
SLS	301	12		T	3:40- 5:30	FL	202	Forbes, R. B.	
SLS	301	13		W	3:40- 5:30	FL	202	Spinks, D. O.	
SLS	301	14		F	8:40-10:30	FL	202	Edson, S.	
SLS	301	15		Th	3:40- 5:30	FL	202	Forbes, R. B.	
SLS	301	16		T	1:40- 3:30	FL	202	Edson, S.	
SLS	301	17		W	1:40- 3:30	FL	202	Rothwell, D. F.	
SLS	301	18		Th	1:40- 3:30	FL	202	Edson, S.	
Students taking SLS-302 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
SLS	302	1	3	MW	7:40	FL	208	Spinks, D. O.	Soil Fertility
SLS	302	11		S	8:40-10:30	FL	202	Spinks, D. O.	
SLS	302	12		F	10:40-12:30	FL	202	Spinks, D. O.	
SLS	401		3	TTh	9:40	FL	208	Rothwell, D. F.	Soil Morphology and Classification
				T	1:40- 3:30	FL	208		
SLS	402		3	MW	7:40	FL	102	Hammond, L. C.	Advanced Soil Fertility
				Th	1:40- 3:30	FL	204		
SLS	405		3	MW	8:40	FL	208	Edson, S.	Soil Microbiology
				M	1:40- 3:30	FL	204		
Students taking SLS-406 will register for the lecture (Section 1) and one laboratory (Section 11 or 12).									
SLS	406	1	3	TTh	12:40	FL	208	Forbes, R. B.	Soils and Fertilizers
SLS	406	11		F	1:40- 3:30	FL	208	Forbes, R. B.	
SLS	406	12		F	3:40- 5:30	FL	208	Forbes, R. B.	
SLS	420		*	To be arranged		FL	206	Spinks, D. O. & Hammond, L. C.	Problems in Soils
SLS	500		*	To be arranged		FL	206	Hammond, L. C. & Rothwell, D. F.	Advanced Soils
SLS	502		4	MWF	11:40	FL	102	Carrigan, R. A.	Soil Chemistry
				Laboratory to arrange					
SLS	570		*	To be arranged		FL	206	Smith, F. B. & Hammond, L. C.	Research in Soils

*Variable. Credit assigned must be shown on the registration blank.

SPANISH

Students registering for SH 33 must register for one lecture section (1 digit number) and three laboratory sections, as follows: one 3 digit section number beginning with 1, one 3 digit section number beginning with 2, and one 3 digit section number beginning with 3.

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
SH	33	1	3	TTh	10:40	AN	6	Wershow, I. R.	First-Year Spanish
SH	33	2	3	TTh	12:40	AN	18	Fernandez, P. V.	
SH	33	3	3	MW	12:40	AN	18	Ramirez, A.	
SH	33	4	3	MW	11:40	AN	4	Hayes, F. C.	
SH	33	5	3	TTh	12:40	AN	6	Hayes, F. C.	
SH	33	110		M	1:40	AN	9		
SH	33	111		M	2:40	AN	9		
SH	33	112		M	3:40	AN	9		
SH	33	113		M	4:40	AN	9		
SH	33	114		T	8:40	AN	9		
SH	33	115		T	9:40	AN	9		
SH	33	116		T	11:40	AN	9		
SH	33	117		T	12:40	AN	9		
SH	33	118		T	1:40	AN	9		
SH	33	119		T	4:40	AN	9		
SH	33	210		W	9:40	AN	9		
SH	33	211		W	11:40	AN	9		
SH	33	212		W	12:40	AN	9		
SH	33	213		W	1:40	AN	9		
SH	33	214		W	2:40	AN	9		
SH	33	215		W	3:40	AN	9		
SH	33	216		W	4:40	AN	9		
SH	33	217		Th	8:40	AN	9		
SH	33	218		Th	9:40	AN	9		
SH	33	219		Th	1:40	AN	9		
SH	33	310		Th	4:40	AN	9		
SH	33	311		F	7:40	AN	9		
SH	33	312		F	8:40	AN	9		
SH	33	313		F	9:40	AN	9		
SH	33	314		F	12:40	AN	9		
SH	33	315		F	1:40	AN	9		
SH	33	316		F	2:40	AN	9		
SH	33	317		F	3:40	AN	9		
SH	33	318		F	4:40	AN	9		

(Continued on Next Page)

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
SH	33	319		M	10:40	AN	9		
SH	34		3	MWF	10:40	AN	18	Wershow, I. R.	First-Year Spanish
Students registering for SH 201 must register for one lecture section (1 digit number) and three laboratory sections, as follows: one 3 digit section number beginning with 1, one 3 digit section number beginning with 2, and one 3 digit section number beginning with 3.									
SH	201	1	3	TTh	11:40	AN	18	Morinigo, M. A.	Second-Year Spanish
SH	201	2	3	TTh	10:40	AN	18	Hayes, F. C.	
SH	201	3	3	MW	11:40	AN	18	Wershow, I. R.	
SH	201	4	3	TTh	8:40	AN	18	Wershow, I. R.	
SH	201	110		M	12:40	AN	9		
SH	201	111		M	1:40	AN	9		
SH	201	112		M	2:40	AN	9		
SH	201	113		M	3:40	AN	9		
SH	201	114		T	7:40	AN	9		
SH	201	115		T	11:40	AN	9		
SH	201	116		T	12:40	AN	9		
SH	201	117		T	2:40	AN	9		
SH	201	210		W	9:40	AN	9		
SH	201	211		W	1:40	AN	9		
SH	201	212		W	2:40	AN	9		
SH	201	213		W	3:40	AN	9		
SH	201	214		W	4:40	AN	9		
SH	201	215		Th	7:40	AN	9		
SH	201	216		Th	9:40	AN	9		
SH	201	217		Th	11:40	AN	9		
SH	201	310		F	7:40	AN	9		
SH	201	311		F	8:40	AN	9		
SH	201	312		F	9:40	AN	9		
SH	201	313		F	10:40	AN	9		
SH	201	314		F	11:40	AN	9		
SH	201	315		F	3:40	AN	9		
SH	201	316		F	4:40	AN	9		
SH	201	317		M	8:40	AN	9		
SH	202		3	MWF	1:40	AN	18	Ramirez, A.	Second-Year Spanish
SH	205		6	Daily	7:40	AN	18	Ramirez, A.	Second-Year Spanish
SH	305		3	MWF	1:40	AN	4	Wershow, I. R.	Composition and Conversation
SH	307		3	MWF	8:40	AN	18	Hayes, F. C.	Survey of Spanish Literature
SH	323		3	MWF	2:40	AN	18	Fernandez, P. V.	Commercial Spanish

(Continued on Next Page)

SPANISH—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
SH	430		3	To Arrange		AN	111	Morinigo, M. A.	Individual Work
SH	435		3	MWF	1:40	AN	5	Hayes, F. C.	Drama of the Golden Age
SH	437		3	MWF	1:40	AN	6	Fernandez, P. V.	Cervantes
SH	460		3	MWF	10:40	AN	6	Morinigo, M. A.	Colonial Literature of Latin America
SH	469		3	MWF	8:40	AN	5	Morinigo, M. A.	Latin-American Civilization
SH	519		3	MWF	10:40	LI	408	Brunet, J.	Comparative Grammar of Romance Languages
SH	530		3	To Arrange		AN	3-E	Fernandez, P. V.	Individual Work

SPEECH

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
SCH	202	1	1	T	4:40	AD	237		Parliamentary Procedures
SCH	202	2	1	Th	4:40	AD	237		
SCH	222		2	TTh	12:40	AD	357		Introduction to Radio
SCH	231	1	2	TTh	7:40	AD	206		Voice and Diction
SCH	231	2	2	TTh	12:40	AD	206		
SCH	231	3*	2	TTh	1:40	AD	206		
SCH	241	1	3	MWF	7:40	AD	206		Effective Speaking
SCH	241	2	3	MWF	8:40	AD	206		
SCH	241	3	3	MWF	8:40	AD	237		
SCH	241	4	3	MWF	9:40	AD	237		
SCH	241	5	3	MWF	9:40	AD	206		
SCH	241	6	3	MWF	10:40	AD	357		
SCH	241	7	3	MWF	10:40	AD	206		
SCH	241	8	3	MWF	11:40	AD	237		
SCH	241	9	3	MWF	11:40	AD	239		
SCH	241	10	3	MWF	12:40	AD	237		
SCH	241	11	3	MWF	12:40	AD	206		
SCH	241	12	3	MWF	1:40	AD	237		
SCH	241	13	3	MWF	2:40	AD	206		
SCH	241	14	3	MWF	3:40	AD	206		
SCH	241	15	3	TThS	8:40	AD	206		
SCH	241	16	3	TThS	9:40	AD	206		

*Section 3 for Foreign Students only

(Continued on Next Page)

SPEECH—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
SCH	241	17	3	TThS	10:40	AD	206		
SCH	250	1	3	MWF	12:40	AD	239		Acting
SCH	250	2	3	MWF	1:40	AD	239		
SCH	301	1	3	MWF	10:40	AD	237		Advanced Public Speaking
SCH	301	2	3	MWF	11:40	AD	206		
SCH	303		3	TTh	8:40-10:30	AD	237		Argumentation and Debating
SCH	307	1	3	MWF	9:40	AD	239		Interpretation of Literature
SCH	307	2	3	MWF	10:40	AD	239		
SCH	309		3	TTh	10:40-12:30	AD	238		Staging and Lighting
				S	10:40	AD	238		
SCH	311		3	TTh	11:40	AD	357		Speech Training for the Radio
				S	8:40-10:30	AD	357		
SCH	317		3	MWF	11:40	AD	358		Correction of Speech Defects
SCH	320		3	M	7:00- 9:30 P.M.	AD	331		Speech Activities in the School
SCH	323		3	MWF	2:40	AD	358		Radio Promotion and Sales
SCH	328		3	MWF	1:40	AD	357		Public Service Radio
SCH	401		3	MWF	2:40	AD	239		History of the Theatre
SCH	405		3	MWF	8:40	AD	358		Famous American Speakers
SCH	411		3	MWF	10:40	AD	258		Speech and Hearing
SCH	415		3	MWF	1:40	AD	206		Applied Phonetics
SCH	423		3	TTh	8:40-10:30	AD	357		Radio Porgramming and Production
				S	10:40	AD	357		
SCH	425		3	TTh	10:40-12:30	AD	239		Advanced Interpretative Reading
SCH	429		3	MWF	11:40	AD	357		Sarett on Writing and Speech
SCH	431		3	MWF	9:40	AD	357		The Teaching of Speech
SCH	500		2	TTh	11:40	AD	206		Introduction to Graduate Study
SCH	503		3	MWF	4:40	AD	238		Problems in Technical Production
SCH	504		3	MWF	3:40	AD	239		Problems in Directing
SCH	509		3	To arrange					Advanced Public Discussion and Debate
SCH	511		3	S	9:40-12:30	AD	358		Seminar in Hearing
SCH	517		3	MWF	9:40	AD	358		Speech Pathology

(Continued on Next Page)

SPEECH—Continued

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
SCH	519		3	To arrange		AD	357		Experimental Problems in Speech
SCH	521		3	TTh	1:40- 4:30	AD	331		Clinical Practice
				S	8:40	AD	331		
SCH	531		3	MWF	12:40	AD	357		Seminar in Radio Programming

VETERINARY SCIENCE

Dept.	Course	Section	Credit	Days	Hours	Bldg.	Room	Instructor	Course Title
VY	301		3	TThS	8:40	FL	308	Van Ness, G.	Anatomy & Physiology
VY	401		3	TThS	11:40	FL	104	Van Ness, G.	Farm Sanitation
VY	543		*	To arrange				Emmel, M. W.	Problems in Animal Pathology
VY	545		*	To arrange				Swanson, L. E.	Problems in Animal Parasitology

* Variable. Credit assigned must be shown on the registration blank.

University Record of the University of Florida

FALL 1951

ORIENTATION WEEK

Vol. XLIV Series 1, No. 9 September 1, 1951

Published monthly by the University of Florida, Gainesville, Florida. Entered in the post office in Gainesville, Florida, as second-class matter, under Act of Congress, August 24, 191[illegible]
Office of Publication, Gainesville, Florida

The University Record Comprises:

The Reports of the President to the Board of Control, the annual Catalog, the Schedules, the Bulletin of the Summer Session, and announcements of special courses of instruction.

These bulletins will be sent without charge to all persons who apply for them. The applicant should specifically state which bulletin or what information is desired. Address

THE REGISTRAR

University of Florida

Gainesville, Florida

The 1951 Orientation Booklet has been the work of many people. Conside able credit should be given to Dana Bullen, who had the responsibility for a sembling and organizing a great amount of the data.

Frances Bixler, Joanne Reese, Nanette Justus, Norm Froscher, Robert Schul strom, Edward Siegel, Arthur Yergey, Margie Henderson, Gerald Sohn, Jai Walker, Walter Carry, and Thomas Pinel aided in preparing the data.

The photographs were all processed by the University Department of Phot graphic Service.

Coordination of these efforts was under the direction of A. W. Boldt, A sistant Dean of Men and Chairman of the Committee on Orientation, and Fr Jones, Student Director of Orientation.

ORIENTATION WEEK

September 17 through 22, 1951

Freshman Residence Hall

A. W. Boldt, Assistant Dean of Men; Chairman, Committee on Orientation
Fred Jones, Student Director of Orientation

Room 128-9, Administration Building
University of Florida Campus

CONTENTS

INTRODUCTORY INFORMATION:

Welcome from President Miller 3
Welcome from the Chairman, Committee on Orientation 5
Orientation Attendance is Important 7
Grouping and Tests 7-8
Get in Those Blanks 9

INFORMATION FOR ENTERING STUDENTS:

Transportation to Gainesville 10
University Housing 11
Where to Eat 13
Coeds Are Here to Stay 14-15
The University City is Your Host 17
Most Cherished Tradition 20
Student Health 21
Campus Social Life 24
Your Florida Union 25
Personnel Services for You 27
Bank Your Money Now 29
Florida Clinical Services 30
Gator Sports Now Tops 31
It's Your Student Government 26, 32, 42
For Foreign Students 33
Fraternities and Sororities 34-35
What Does it All Cost 36-38

ORIENTATION ACTIVITIES:

President's Welcome 43
Physical Examination 43
Student Government Forum 44
Extra-Curricula Open House 44
Honor Court Forum 45
University College Introduction 46
Dean's Forums 47-48
Speech and Hearing Clinics 49
Personnel Records 49
Activities Forum 50
President's Reception 52
Housing Information Forum 52
Group Counselors' Forum 53
About Your Group Counselors 53
Library and Campus Tour 54-55
Fraternity Datebooks and Sorority Information Forum 55-56
Pajama Parade, Rally, Dance 57
Gridiron Fever Grips Campus 58-60
Registration 61
Religious Activities 63

A WELCOME FROM YOUR PRESIDENT

Dr. J. Hillis Miller

Dear Students:

In this, my initial greeting to you, there are many things which come to mind which I should like to say. Many of these I must reserve for a future time when it is my hope that I may meet you individually or address you collectively.

In welcoming you warmly to this beautiful campus, I should like to point out that a proper orientation plays an important part in one's success and happiness as a college student.

In the confusion and uncertainty which pervades the earth, I should like to think that you will find here a reasonable amount of peace and tranquility. Here, at least for a time, you may go forward toward the realization of your dreams and ambitions; not to escape from the world and to draw a curtain upon its condition and needs, but that you may prepare yourselves to live in it.

I should like to suggest that you approach your work with confidence, courage, and determination, with certain assurance that the knowledge you gain will better help you to meet your own personal problems from day to day, and to help in the solution of the problems of your community, state, and nation when the challenge is presented to you at some future time.

If there is anything that I, or the administrative officers, faculty, or staff of the University can do to make your college days more rewarding, we want you to know that it is not only our duty but our pleasure to help you.

With very kindest regards, I am

J. Hillis Miller

J. HILLIS MILLER
President

GET ACQUAINTED DURING ORIENTATION WEEK

The Orientation Committee has planned this program because it thinks it is important that you become acquainted with the University of Florida early in your college career. We have tried to include in the schedule information and activities which will make you feel more at home during your first few weeks with us. We know that you will find college life somewhat different from high school. We want to help you become a "Florida" student.

This booklet has been prepared largely by University students. They have tried to include information which you will need during the first few days here. I should like especially to draw your attention to the first section of this book which refers to the many services which are available to help you make a successful stay here at the University. Careful thought and planning has been given to the services which are mentioned in the general section. We hope many of you will take advantage of these opportunities.

May I wish you a successful career at the University and invite you to call upon the Office of Student Personnel at any time when you think we may be of help.

Coridally yours,
W. M. WISE
Dean of Student Personnel

COMMITTE ON ORIENTATION AND STUDENT RELATIONS

Faculty Members of the Committee

A. W. Boldt, Assistant Dean of Men (Chairman)
R. C. Beaty, Dean of Men
Marna V. Brady, Dean of Women
Mrs. Anne Clinard, Director of the Florida Union
R. S. Johnson, Registrar
W. W. Little, Dean of the University College
J. V. McQuitty, University Examiner
J. E. Price, Counselor
D. E. Scudder, Head Professor of Religion
D. K. Stanley, Dean of College of Physical Education, Health, and Athletics
Elsie Weekley, Head Resident of Yulee Hall

Student Members of the Committee

Joe Reynolds
Gene Spellman

YOUR

CHAIRMAN

A. W. Boldt

Welcome . . .

The future belongs to those who prepare for it. For many of you a new phase of that preparation is now beginning at the University of Florida. Here you will enlarge your interests and expand your experience. It is hoped that you will find new freedom of action, increased sources of strength, adventures in self-reliance, new experiences in human relations, and a greater insight into the uses and meaning of knowledge. The development of these capacities should be the real aim of your college education.

For the alert and aggressive, the business of living offers rich rewards. From the listless and indolent, it exacts its penalty. Many of the means for success here at the University will be pointed out to you during your week of orientation.

Determine to achieve the full reward of life and study during the coming years.

Sincerely,

A. W. Boldt

A. W. BOLDT
Assistant Dean of Men
Chairman, Committee on Orientation

The Florida Gymnasium was filled last fall when Dean Boldt addressed around 2000 new students.

ABOUT YOUR UNIVERSITY . . .

The University of Florida is a combined state and land-grant university offering a first-run faculty, a challenging curriculum, and a well-rounded student life.

The faculty is drawn from many other states and countries. Included on the faculty are outstanding scholars and artists.

The curriculum is a challenge to students interested in the highest intellectual achievements. There are 12 colleges and schools offering various degrees.

The University College administers all work for the freshman and sophomore years, offering a program which includes basic courses in six major areas of knowledge and courses prerequisite to advanced work in the colleges and schools of the Upper Division. The Upper Division includes both junior and senior years.

Upon the successful completion of the University College program, a student receives the Certificate of Associate of Arts. He (or she) will, upon graduation from the University of Florida, receive a degree from the college or school in which he majored.

Student life at the University offers a well-rounded and fully-developed opportunity for individual participation and growth. With over two hundred student organizations represented on the campus, each new student can easily find organized activity to fit his interests.

Our University is in one of the most progressive and rapidly growing states in the country. For us this means greater opportunities to use our education in important services to help this continuing expansion, ideal living conditions and splendid recreational facilities, and a university growing with the state and providing us with excellent educational advantages.

Entering students gathered before the Gymnasium last fall waiting for the Orientation Program to get under way.

ORIENTATION ATTENDANCE IS IMPORTANT

The Orientation Program is intended to effect an easy adjustment both to new classes on this campus and to new opportunities for leadership in student affairs. All new students are required to attend and are urged to take advantage of the Orientation Week activities.

This booklet has been compiled in part as a guide for your Orientation Week—use this chance to learn about your next four or more years before you board the train for Gainesville in September. This week is designed for you.

Transfer students and freshmen will follow approximately the same schedule of activities. Freshmen students will report at 8:00 a.m. and at 8:30 a.m., Monday, September 17, to the Florida Gymnasium. Transfer students will report at 8:30 a.m., Tuesday, September 18, to the University Auditorium.

This separation affords a closer cooperation of mutual interests and facilitates the efficiency necessary for proper handling of those students with previous standing at other colleges and universities. Group counselors assigned to those groups made up of transfer students will be specially trained to handle the special problems which may arise on the part of these students. In addition, freshmen and sophomores alike will follow the Orientation program in regards to those activities which are scheduled.

Absence from a scheduled orientation appointment will result in the student's being refused for registration until the payment of a late registration fee of $5. In emergency situations, excuses may be obtained upon request in person upon the proper forms at the Orientation Office, Room 128-29, Administration Building. Attendance will be taken at all required activities.

IF PRESENTLY EMPLOYED, GIVE YOUR EMPLOYER NOTICE THAT THE UNIVERSITY REQUESTS YOUR ATTENDANCE AT ORIENTATION WEEK ACTIVITIES BEGINNING ON MONDAY, SEPTEMBER 17, AT 8:00 A.M. AND AT 8:30 A.M. FOR FRESHMEN STUDENTS AND ON TUESDAY, SEPTEMBER 18, AT 8:30 A.M. FOR TRANSFER STUDENTS. THESE ACTIVITIES WILL CONTINUE THROUGH SATURDAY, SEPTEMBER 22.

GROUPING

All new students will be placed into groups of around 25 persons each. This will be accomplished in two phases—freshmen students on Monday and transfer students on Tuesday. Some 1,900 new students are expected for the 1951 Fall Orientation.

FRESHMEN STUDENTS will report to the Florida Gymnasium at 8:00 a.m. and at 8:30 a.m. on Monday, September 17, 1951. All students will enter by the front doors and be directed down the main halls and seated according to the first letter in your last name. BE CERTAIN TO BRING YOUR ADMISSION CERTIFICATE WITH YOU. After being seated, you will be placed into groups according to rolls prepared in advance. Immediately following grouping, you will be introduced to your group counselor.

Under the group counselor's guidance, you will fill out a Gainesville address card and your Admission Certificate will be checked for accuracy. Also at this time Activity Schedule sheets will be issued and their use explained by the group counselor. Then you will be given a Hello Tag which is to be worn

during Orientation Week for the purpose of mutual identification. The grouping process will take approximately 45 minutes to one hour and will be immediately followed by the taking of photographs for your home town newspapers.

TRANSFER STUDENTS will report to the University Auditorium at 8:30 a.m., Tuesday, September 18, 1951. Students will be formed into groups of approximately 25 students each. Immediately following grouping, you will be introduced to your group counselor and under his guidance will fill out a Gainesville address card and check your Admission Certificate for accuracy. BE SURE TO BRING YOUR ADMISSION CERTIFICATE WITH YOU. Also at this time Activity Schedule sheets will be issued and explained to you by your group counselor. Then you will be given your Hello Tag which will identify you throughout Orientation. The grouping process will take approximately 45 minutes and will be immediately followed by the taking of photographs for your hometown newspapers.

Late arrivals should report to the Registrar's Office in the Administration Building to be screened by a member of the University Examiner's staff to determine whether or not they are to take tests. After being released by the Registrar, or by the Board of University Examiners in the event tests are to be taken, report to the Orientation Office in the Administration Building to be assigned to a group.

PLACEMENT AND GENERAL ABILITY TESTS

All freshmen entering the University are required to take a battery of placement tests covering general ability, English, social studies, natural sciences, and mathematics. This battery is similar to the one offered each spring in most of the Florida high schools. Freshmen who took the entire battery within the last two years will be exempt from repeating it at the University and scores made in high school will be used in college.

Information for Those Who Will Take Tests . . .

The placement test battery (for those not exempt as stated above) will be given the first day of Orientation. All materials will be supplied at the testing room. Those freshmen who have to take the tests will automatically be placed in groups scheduled for this project. The group counselors will see that the members are told when and where to report for testing. About five hours are needed for the administration of these tests. One or two tests will be given in the morning and three or four in the afternoon.

The tests are so general in nature and cover such wide subject areas that special study or review is not usually very helpful. A thorough high school background is the best preparation. The importance of doing one's best on the test cannot be over-emphasized. The test results will be entered on the permanent record cards and will accompany the records wherever they go. Actually, the results will be put to an immediate use because the registration counselors consider them when talking with the student about his college courses. Problems of electives, number of courses, outside work, and possible fields of major interest will be discussed in relationship to placement test standings. Employers in business and industry are giving an increasing emphasis to placement test scores as measures of potential success.

Testing Information for All Students . . .

All persons in the Orientation Program who are exempt from taking the placement tests will take a college-level general ability test (which test is included in the battery for those taking the placement tests). The results of this test will be used primarily to assist in planning the educational and professional program beyond the freshman semester, where measures at a higher level than those given by the placement tests are needed. As in the case of the placement tests, students will automatically be grouped so that this test will be taken early in the Orientation Program. Groups will be informed by their counselors when and where to report for testing. All materials will be supplied. Total time for the project will be about ninety minutes.

University Auditorium is the scene of many of the examinations for the first two years including Orientation Week testing.

GET IN THOSE BLANKS . . .

Get in those blanks! The deadline for preliminary applications is **August 19.** The preliminary application must be sent in by all entering students and may be obtained by dropping a line to the Registrar.

The other blanks to be filled out by entering students, which vary with the student's status, are sent to new students upon receipt of the preliminary application. Briefly these blanks may be classified thus:

RESIDENT FLORIDA Freshmen students who have never attended college need:

1. Transcript of high school credits which should be filled out by the registrar of your high school.

2. Formal Application for Admission which should be filled out by you and forwarded to the Director of Admissions at the University .

3. Statement of Residence which should be filled out and NOTARIZED and also sent to the Director of Admissions.

4. The application for housing facilities should be returned as soon as possible. A room deposit payment of ten dollars must accompany applications for unmarried students. Applicants for assignment to housing facilities for married students are not required to post a deposit until requested to do so by the Housing Office.

5. The Medical History and Physical Examination form. The medical history should be filled in by the applicant before going to his doctor for the physical examination. The physical must be performed and completed by a licensed Doctor of Medicine and mailed by the doctor direct to the Director, Student Health Service, University of Florida, Gainesville.

OUT OF STATE FRESHMEN (students from outside Florida who have never attended college) will submit essentially the same forms except for:

1. A notarized statement of residence will NOT be required of non-Florida students. They must submit, however, the $175.00 out-of-state fee with their admission credentials.

TRANSFER STUDENTS who are RESIDENTS of the state of Florida and who are applying for transfer from another university should send:

1. Notarized Statement of Residence
2. Transcript of credits from the institution previously attended
3. Formal Application for Admission
4. Housing Facilities (if desired)
5. Medical History and Physical Report

TRANSFER STUDENTS who are NOT RESIDENTS of the state of Florida and are applying for transfer from another university should send the same credentials as Florida transfers except for:

1. Statement of Residence will not be required. They must, however submit the $175.00 out-of-state fee along with their application.

These blanks are the main ones with which the prospective Gator student will be concerned. It must be remembered, however, that each applicant may present a slightly different situation than that of the majority and therefore cannot be strictly catalogued.

The fine line that determines a resident and non-resident of the state of Florida, for instance, is elaborated upon like this:

"A Florida student, if under twenty-one years of age is one: (1) whose parents have been residents of Florida for a least twelve consecutive months next preceding his registration; or (2) whose parents were residents of Florida at the time of their death, and who has not acquired residence in another state; or (3) whose parents were not residents of Florida at the time of their death but whose successor natural guardian has been a resident of Florida for at least twelve months next preceding the student's registration."

In short, get that preliminary application in the mail before August 19. As soon as this is done the Director of Admissions can determine your status and send you the necessary additional forms.

TRANSPORTATION TO GAINESVILLE

For a city of its size and inland location, Gainesville has an amazingly full scope of transportation facilities, and is connected to virtually every spot in the nation by railways, airlines, and buses.

For those students who wish to travel to the University by plane, Eastern Airlines furnishes a complete flight schedule to and from every major air terminal

east of the Mississippi River. Since the airport in Gainesville is located about five miles from the campus, a limousine service is offered to any point in the city. If the student chooses, he may arrive at the airport and be taken directly to his dormitory.

Gainesville is served by two rail companies, Seaboard and Atlantic Coast Line. The Atlantic Coast Line terminal is located in the downtown district about eight blocks east of the University, and students may be transported to the campus by taxi. The Seaboard station, however, is in Waldo, a community about fourteen miles northeast of Gainesville. Upon arrival there, the student must arrange for transportation to the University by bus or taxi.

The Gainesville bus station is located in the business district of the city, and taxi service to campus is available at all hours. Served by the Florida Greyhound Lines and the Trailways system, the terminal offers connections with almost every point in the state and nation.

Many students prefer to travel by automobile, however, and for their benefit the following information is offered. For students arriving in Gainesville for the first time, it may be well to know that the University is in the southwest sector of the city. The streets are laid out on the quadrant plan. Adequate highway markers point the way into Gainesville, and within the city are direction signs indicating the location of the school.

Students and parents will find parking facilities adjacent the dormitories from which they can more readily unload their luggage. Students are permitted to keep automobiles at the University, and it is for the convenience of these automobile owners that the campus parking facilities are being expanded.

For additional information on rail, bus, and air service to and from Gainesville, consult your local agents.

UNIVERSITY HOUSING . . .

New students entering the University of Florida will find excellent housing facilities awaiting them. During the past several years a total of seven residence halls have been constructed especially for freshmen men and freshmen and sophomore women.

Residence halls for women are Mallory, Yulee, Reid, and Grove. The men's halls for freshmen are North, Tolbert, South, and Weaver Halls. The women's halls are located in the southeast area of the campus and the men's halls in the southwest area.

Rent should have been paid by mail by all incoming students before they arrive in Gainesville. Room assignments will be made during July. Student residents may check into these assigned rooms after 2:00 p.m. on Saturday, September 15. Consult this booklet and the University catalog for additional information about these procedures.

pical double room in the Women's Residence Halls.

Upon arrival students will be welcomed to the halls at one of the two area offices: for women at Mallory Hall, and for men, at Tolbert Hall. Here you will be shown to the room assigned to you. Women students will have the opportunity to meet the Head Resident and the Associate Resident of the hall; men students will be greeted by their student counselors.

The Residence Hall System for living aims at providing five means for successful university life: academic success, social activity, intramural athletic programs, living standards, and experience in self-government.

The two main points stressed by the Division of Student Housing Services in cooperation with the Student Personnel Department are: (1) opportunities for group living with other students, (2) the system for self-government set up for the residence halls and administered by you and your fellow students.

Each of the women's halls has a Head Resident and an Associate Resident to provide guidance and to help women students in every way possible. The regulations governing the women's residence halls are made and administered by the Women Students Association.

Four modern Residence Halls are ready especially for entering students.

On each floor of the men's halls is an upperclass student leader to counsel and advise the new men.

A question often asked in relation to the housing situation is whether or not you may select your room-mate. If you and the other incoming student apply early enough and on the same date, the Housing Services Division tries to fill your request.

A better policy, however, is to room with someone you have never met before. In this way it will be possible for you to come into contact with new personalities and to broaden your personal relations.

The Division of Housing Services is headed by Dyckman Vermilye. This central housing office is located in the south wing of the Administration Building. Through this office are handled the room assignments, accounts, and coordination of the various housing services.

If you are faced with a housing problem before you arrive on campus, direct your correspondence to Mr. Vermilye's office. After you arrive, if you run into a situation which cannot be handled by one of the area offices, feel free to drop in at this office and talk things over.

· University operated ting establishments provided for students.

WHERE TO EAT . . .

One prime consideration of every new student at a university is: Where do I eat?

Here at the University, this question has been answered by a variety of private and University-operated establishments that are set up to serve students.

The food problem is always a major one, and to solve it, the University maintains four eating establishments. Largest and most complete is the University Cafeteria, adjacent to the men's residence halls and the Florida Union. High quality food at reasonable prices is offered and all service is cafeteria style, affording individual selections. Featured is a "50 cent" special that is popular with students.

For convenience, coupon books containing tickets with a monetary value of $5.00 or $15.00 are available.

A smaller cafeteria, with similar food service, is maintained in the Florida Room of P. K. Yonge High School, across from the women's residence halls.

Newest of the University eating places is the ultra-modern "Hub", located in the Student Service Center, and featuring snacks, sandwiches, and grill orders. The Hub is open every day but Sunday.

Comparable to the Hub is the Campus Club, or "CC", adjoining the main Cafeteria and serving from 8:00 a.m. until midnight daily.

These places are popular spots for students whether it be for a between-class break or a full course meal.

Off campus, there are dozens of popular restaurants and snack shops. Foremost of these are the four comprising the famed University "Gold Coast." These are located on University Avenue opposite the men's residence halls. Other restaurants are maintained near the campus and in downtown Gainesville, specializing in everything from Chinese food to Italian spaghetti.

Besides these, the majority of fraternity and sorority houses maintain dining rooms for their members, with meals usually paid for on a monthly basis.

LAUNDRY AND DRY CLEANING

Many establishments from the city of Gainesville will vie for your laundry and dry cleaning contract. The only problem is getting in touch with the representative. They will contact you in the residence halls or you can go to one of the campus sub-stations.

There are over a dozen private businesses catering to the University's students. Most frequented are the three establishments along the Gold Coast. Two of these conduct a student-operated pick-up and delivery service through the residence halls.

There is also a privately-owned laundry and dry-cleaning establishment in the Student Service Center.

For student convenience, the Men's Resident Hall Association operates a "laundramat" in the basement of Sledd Hall with four automatic Bendix washing machines. Four dryers are also available. The women's residence halls also provide like facilities.

Private laundramats are maintained within walking distance of the campus.

COEDS ARE HERE TO STAY . . .

Once an all male institution, the University of Florida has undergone all changes necessitated by the coming of the fairer sex and is now well established as a coed school. The last count numbered the women students at about 1900 to make up 22% of the student population.

A number of organizations now exist on campus to facilitate the needs of women students. The Women's Student Association is one of these bodies and is composed of all undergraduate women enrolled at the University. Representatives are elected each spring by the women students to set up rules and policies regarding their general welfare. Governed by the executive body, this Association is subsidiary to the regular student government and to the administration.

The Office of the Dean of Women has as its main function the counseling of women students. Marna V. Brady is Dean of Women, and, if your problem is personal, scholastic, financial, or just any kind, the services of her office are at your disposal.

A Panhellenic Council and a Junior Panhellenic Council are set up to coordinate members and pledges of sorority groups on campus. Each council consists of two representatives from each sorority.

The Women's Independent Society is an organization for non-sorority women on campus and promotes social and extra-curricular activities.

The Women's Recreation Association is another coed organization whose purpose it is to coordinate all participation in athletic events. Each year honorary keys are awarded to girls who have accumulated a certain number of points through outstanding participation in sports. Some sports included in the intramural program are soft-ball, ping-pong, volley-ball, archery, and tennis.

Of the nearly 200 organizations on campus, women are eligible for about two-thirds of them. In general, coeds are permitted to enter every line of endeavor in which men are active. Just a few of the most popular extra-curriculars among the coeds are the Women's Glee Club, Florida Players, Cavalettes Dance Society, Women's Debate, home town clubs, publications' staffs, and politics.

Academically, women students are enrolled in every college on campus—the largest numbers being in the Colleges of Education and Arts and Sciences. The next few years will see the addition of still more specialized courses to further the education of the University coed.

WHAT SHOULD COEDS BRING?

The big questions in the minds of prospective coeds are always "What shall I bring to wear?" and, "What shall I bring for my room?" For the benefit of such curious coeds, we'll try to clear up these questions.

The keynote of college dress is simplicity and good taste. The prudent coed will not wear extreme clothing, but will be dressed tastefully for every occasion. Clothes that require too-frequent cleanings, or clothes that will seldom be worn, are not practical. For cool weather classes, Florida coeds usually choose the classic "sweater'n'skirt" combination, with saddles or loafers and socks. Then in warmer weather, cotton dresses or skirts and blouses worn with sandals are in order.

Miss University of Florida Winners were awarded at the 1951 Spring Frolics by President Miller.

For special week-ends, again your good taste and simplicity should guide you. You'll know that tailored suits with heels 'n' hose are best for football games, and that for ordinary week-end dates you'll probably choose a wool dress or a "dressy" cotton, just as the weather demands. The type clothes you wear depend upon you, the occasion, and with whom you're going.

. . . So much for wearing apparel, except to remind you that an all-important part of your school is a good, serviceable raincoat and a pair of rain boots. Shhhh . . . don't tell the Florida Chamber of Commerce, but it DOES rain, and in wet weather a good rain-proof outfit is essential!

IT'S NOT SO DIFFERENT . . .

Now for the other problem . . . that of deciding what to bring . . . and how many . . . for your room. The first thing we think of is linens. The University maintains a linen service which will deliver weekly supplies of towels, sheets, and pillow cases at a very nominal cost. However, if you prefer to bring your own, four towels and wash cloths, three pillow cases, and six sheets should be an ample supply. Don't forget to include a couple of blankets for chilly nights. The beds, incidentally, are the single variety.

As for accessories for your room, it will be advisable to wait until you see the color scheme before you choose bedspreads and drapes. You may desire to add a small shag rug, or to add a "homey" touch with a potted plant or two. You'll probably find that a desk lamp would be a handy supplement to the fluorescent ceiling light. The desk lamps may also be rented from the Housing Office's service.

Other items which come in the "nice-to-have" category are radios, if you happen to own one, and shoe bags. Of course, you'll have a soap dish, and a laundry bag . . . two essential, but oft-forgotten, items. You may like to cover your dresser with some sort of scarf, too. This you can either bring or purchase after you see the color scheme of your room.

In general, clothing and room furnishings will be like they were in high school. Going to college and going to high school will seem similar in these respects.

FOR THE MEN . . .

What should a young man bring to college with him? This question arises in every freshman's mind before he comes to the University, and the answer will depend entirely upon the individual.

The most serviceable item in a college freshman's wardrobe would be a medium weight suit. On the Florida campus you can feel comfortable at any function in a suit. If you can afford a tux or dinner jacket, you can find plenty of use for it, but a suit will suffice for most occasions.

Classroom dress at Florida is very informal, wash slacks and "T" shirts being the main fashion.

For your room you will need a pillow, linens and a study lamp, which you may bring from home or rent from the University at a nominal fee. Some students prefer to bring throw rugs and curtains for their rooms.

You will find your needs at the University of Florida very few as the informal dress of the students and the exceptionally complete housing facilities make it possible for the student to bring only the bare necessities.

Students relax on the terrace of the Student Service Center.

THE UNIVERSITY CITY IS YOUR HOST

Gainesville, the University City, plays host to you and the University of Florida, offering many and varied opportunities seldom found in a city of twenty-seven thousand, counting students. There are numerous places of interest in and around the city which make interesting observation for students. These points vary in form from the oddity of the Devil's Mill Hopper to the quiet of the Florida State Museum.

As you might expect, the city provides many theatres, drive-ins, and so forth. All you have to do is to decide what, where, and when you want to do something, and you will be able to find it in and around Gainesville.

The Gainesville Golf and Country Club, although a private club, offers students low daily and semester green fee rates. The club allows intramural matches to be played on the links and encourages newcomers to come and learn the game.

Many civic organizations are active in the city of Gainesville and almost all religious denominations find themselves represented. Certain of these denominations have student unions and recreational facilities available on campus for students of their faith. These centers are located just off the campus and are easily accessible to all who wish to take advantage of the facilities offered.

Urban Gainesville boasts eleven ladies' clothing shops and nine men's stores which keep the campus up-to-date in the clothing world.

If you are looking for hotel facilities, Gainesville offers eleven of these to accommodate the many friends and relatives who flock to the University of Florida campus during football and social weekends.

The city is served by all modes of transportation including air, bus, train, and highway nets. These accommodations make Gainesville and the University readily accessible from all parts of the state.

The City of Gainesville wants to serve the students of the University of Florida in best way possible and extends to the students a friendly atmosphere and willingness to help with the many problems that arise in campus life. The city offers the hand of welcome to all students both new and old and offers its facilities and help in making life pleasant during the school year. Take advantage of these opportunities to use and enjoy the University City, Gainesville.

President Miller thanks the 1951 senior class president for the class gift, the plaque.

YOUR UNIVERSITY COLLEGE . . .

In a reorganization at the University of Florida in 1935, all freshmen and sophomores were placed in one college, the University College. This college administers all the work of the Lower Division which includes pre-requisite courses for the student's chosen major and a core program of general education courses.

It has been demonstrated that a society controlled wholly by specialists is not wisely ordered. It is undesirable to have men who occupy responsible positions in public life ignorant of science and scientific procedures. It is equally dangerous to have our men of science ignorant of the forces in the polical set-up or unaware of those in our cultural heritage of the humanities.

At the University of Florida general education does not mean a survey, or a "little of this and that." The selected materials are just as detailed and specific as those found in other courses. We attempt to introduce the student to the great areas of human thought and achievement. We have assumed that facts and ideas in these areas are still basic and desirable for college study. Only a new selection, a purposeful order, and a new emphasis of these foundation facts and concepts is our modest contribution.

In program terms, general education is a guide to help a student confronted with the endless complication of courses that make up the bulky present day university catalog. Regarding ends to be sought, general education develops a socially sensitive layman and contributes to that part of one's education that looks to his life as a responsible human being and citizen.

The record the country over shows that about two-thirds of the beginning freshmen do not enter the professions or vocations they have chosen on Registration Day. Thus it follows that considerable exploration, testing of one's abilities, and subsequent adjustment or change at a minimum of loss of time to the student is in order. All this can be accomplished in a division of the University setup with this type of work as one of its major objectives.

The University of Florida, as a state university, fully accepts its responsibility to provide adequate vocational and professional training. This is primary in the Upper Division schools and colleges. It also recognizes as of equal importance the fact that citizenship training at the college level is needed by the individual and by the state if what we think of as desirable in American civilization is to be preserved. In no sense does the new program limit specialization. It provides for just as much as or more than traditional programs, and gives a broad base for the development of proper meaning and significance.

General education differs from the other concept of liberal education not only in emphasis but also in subject matter, techniques, and objectives. The college student of the early 20th century was a highly selected individual and the emphasis then, almost solely, was concerned with "training the leaders of tomorrow."

Guidance, in the form of placement tests, progress reports, vocational guidance tests, student conferences, adjustment for individual differences, election privileges, and comprehensive examinations are all included in the plan to help and counsel students.

The Associate of Arts certificate is awarded to the student at the satisfactory completion of his two years or 64 hours Lower Division, planned work, and he is ready to proceed with his own course of study in the Upper Division.

Each of the courses in the University College has been given a numerical designation for its name. Thus C-1 is the name for Comprehensive Course Number 1, American Institutions. The other six comprehensive courses are labeled in a like manner.

C-1, American Institutions: Primarily the underlying theme of the University's courses in American Institutions is the reconciliation of its older and simpler concepts of democracy and equality of opportunity with an increasingly complex modern industrial society. This is in pursuit of the belief that every student is a citizen in a democracy and can exercise his democratic citizenship intelligently only if he has some familiarity with the backgrounds of society's amazingly difficult problems of today.

C-2, Physical Sciences: The course is designed to present to the student a view of his physical environment and its material and energy resources. During the first semester the subject matter is drawn from a large number of integrated topics in the physical sciences—astronomy, meteorology, geography, geology, physics, and chemistry. During the second semester the student pursues a more intensive study of a chosen area.

C-3, Reading, Speaking and Writing: This course is slanted toward the view of self-correction and improvement through each student's ability to get the meaning from the printed page with more than average speed, to read with better understanding and deeper enjoyment, to write more accurately and interestingly, to speak with greater effectiveness and to listen actively.

C-41, Practical Logic: Effective Thinking: The attempt here is to use the principles and procedures of logic as tools for more effective thinking. Principles of deductive and inductive proof are studied. The student is instructed in correct techniques in making and interpreting generalizations. Methods of testing the truth-claims of assumptions and beliefs are important in this study.

C-42, Fundamental Mathematics: The primary objective of this comprehensive course is to provide students with their mathematical needs as college-trained

The Alumni Memorial Center is planned for completion soon.

citizens. We draw material from many sources—from arithmetic, algebra, geometry, trigonometry, astronomy, mathematics of finance, and the history of mathematics. We attempt to build a course that is both cultural and practical.

C-5, Humanities: This area includes literature, philosophy, and the arts. Our comprehensive course is designed to help the student achieve a more mature understanding of his cultural heritage, an enlarged appreciation of the enduring values which give meaning and purpose to human life, and a philosophy of life.

C-6, The Biological Sciences: This course is not a technical elementary course suitable for students intending to major in the biological sciences, nor is it a superficial survey of botany and zoology, but rather it is a comprehensive treatment of the living world, so that an educated man will no longer feel that the subject matter and concepts of the life sciences are a baffling set of problems and solutions not for him. Intelligent living in the modern complex world makes this necessary.

MOST CHERISHED TRADITION

From the time you are sworn in as a member of the student body of the University of Florida you will be expected to uphold our most cherished tradition —the Honor System. It will be your duty as a Florida student not only to refrain from violating the Honor Code, but also to report all violations of this code that you may witness.

The Honor Code covers three points: cheating, stealing, and passing worthless checks. Any student who violates this code is subject to trial by the Honor Court. During Orientation Week you will visit the chambers of the Honor Court on the third floor of the Florida Union at which time you will be indoctrinated as to the procedure of the Honor Court and what will be expected of you in upholding the Honor Code.

A student accused of violating the Honor Code is summoned to appear before the Honor Court, which is composed of eleven justices, a clerk, and a chancellor, all students elected by the student body each spring. The accused is allowed to bring any witnesses or counsel he may wish to help him plead his case.

Behind the closed doors of the courtrooms all evidence is weighed as a regular trial brings out the facts of the case. If the accused is found not guilty, all records are destroyed and the case is forgotten. Should the defendant be found guilty, however, he is subject to penalties ranging from a reprimand and the loss of credit hours to expulsion from school.

Although all cases are strictly confidential, those found guilty will have the decision entered on their permanent record and a letter sent to their parents. This record will follow them after college whenever they apply to the University for a transfer of credits or a job recommendation. In addition to trying violations of the Honor Code, the Honor Court acts as the supreme court in Student Government.

As a judicial branch of student government, the Court's duties include the interpretation of the student body constitution, the trial of impeached student government officers, and the supervision of elections, including officiating at the polls and counting votes.

Violation of the Honor Code can result in penalties ranging from a severe reprimand to expulsion from the University.

The Honor Court is set up so that the fulfillment of its purpose rests upon the students themselves. The continuance of the Honor System and the many privileges it affords the student body is the responsibility of all new students at the University.

STUDENT HEALTH

Student health is of prime consideration on the University of Florida campus. Realizing that without proper health students cannot do their best work, a fully-equipped Infirmary is maintained for the benefit of all students.

The Infirmary, located next door to the music building, is equipped for all types of student health problems, ranging from a fully-staffed modern hospital for students who are ill, to a first aid station located in the building to facilitate treatment of minor injuries and common illnesses. Major surgery is referred to the Alachua General Hospital.

The only charge to the student is for the more expensive medicines, special treatments demanded in cases of extreme illnesses, and hospitalization charges for food and room space. Staffed by graduate nurses and medical doctors, the Infirmary facilities are completely up to date, providing for maximum comfort and best possible treatment of the student. Meals are served regularly with best quality food appetizingly prepared at a minimum of cost.

Infirmary treatment charges and hospitalization charges are covered by the regular hospitalization insurance policies. Arrangements may be made through the Business Office of the Infirmary to have charges transferred to the insurance companies.

Florida is proud of its up to date facilities for student health. The staff is prepared to take care of any emergencies which might arise in student health, and instructors of the University are glad to cooperate with students who are confined to the Infirmary because of illness.

LEARNING ISN'T EASY, BUT IT PAYS

You are now in business for yourself—the important business of getting a college education. Many of you are on your own for the first time, with neither a first sergeant nor a parent to prod your daily effort. Whether you emerge from this new enterprise with scholastic honor or in mental bankruptcy will depend on you alone, in the last analysis. But because the business of securing a college education does demand some adjustments and new habits, here are some helpful suggestions, designed to help you in improving your study habits and in making a better adjustment to your new environment.

Plan your work: In college, you will need to budget your time more carefully than you have ever done before. Make a reasonable schedule and stick to it. Schedule hours for preparation, classes, and leisure or outside work.

A main objective: Have a goal. Have you planned your courses to fit your abilities and your objective? Learning requires effort. Get started right, and keep going. Do your work on time. Attend class regularly, in spirit as well as in body.

Health: Good health, both physical and mental is necessary if you are to get the most out of your college work. Be regular in your eating, sleeping, exercising, and other personal habits. Attend to all illnesses immediately, even minor ones.

Study Rooms: Have a definite place for study. If you can arrange to use it as a place for study only, it will soon come to mean study. It should be a spot where you can be relatively free from interruptions. Keep your study room well ventilated and not too warm—comfort is important also.

Concentrating: Start studying as soon as you sit down at your desk. Avoid daydreaming. Work intensely while you work.

Efficient reading: Rapid and accurate reading is one of the most important single factors in scholarship.

Remembering: A study assignment is never mastered without a great deal of remembering. Remembering should be based on understanding.

Note taking: Write legibly. Keep notes on one subject together. Use outline form whenever possible and review immediately after taking and at regular intervials.

Examinations: Preparation for examinations should begin early in the course and kept up throughout same.

Two Journalism students receive awards for their scholarship.

HOW YOU ARE GRADED

The students at the University of Florida are graded on two systems, the honor point system and the letter grade system. Grading in individual courses is done on the letter system, and grading of all work per semester results in an honor point average.

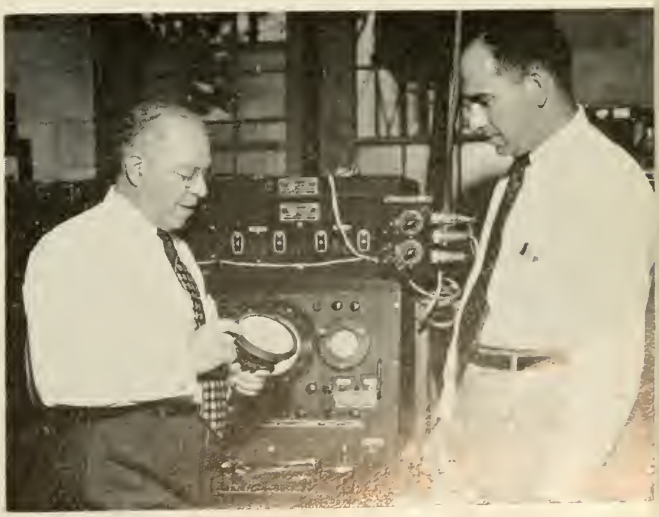
The letter grade system is simple and is the system which you may have used all through high school. It runs thus: A, excellent; B, good; C, average; D, fair; E, failing; and I, incomplete. This is the system used in reporting the grades for any given course.

At the end of the semester, you will have the letter grades for all the courses which you have taken during the semester. Each letter grade is assigned a point value: A, four points; B, three points; C, two points; and D, one point. Naturally a failed course does not warrant credit, nor does an incomplete until such time that it is made up and a grade received.

After determining how much each of of your letter grades is worth on the point scale of values, you take that value in any given course and multiply it by the number of credit hours which the course carries. You do this for each of the courses which you are taking during the semester. This gives you a group of meaningless figures. Add them all together. This gives you one meaningless figure. Take this figure and divide it by the total number of credit hours which you took during the semester; you have arrived at what is known as your honor point average.

Now, it is simple to interpret your point average. The highest that you can make is the mystical "4.0." This means that all your grades were A. From here the system is graded down thus. A 3.5 average means that half your grades were A and half were B. A 3.0 average is a straight B average. A 2.5 is one composed of half B and half C. And so on down the scale. It's really quite simple.

To leave the University College and become a Junior, one must have a minimum of 64 semester hours. After this, the figure may vary somewhat depending upon the requirements of the school or college of your choice, as to when you graduate and when you will have the required courses for graduation.



One of the South's best engineering schools offers many opportunities for advanced research and study.

CAMPUS SOCIAL LIFE

The social calendar at the University of Florida provides every kind of entertainment for the Florida student. Freshmen start out their year with the Freshman Mixer and Pajama Parade where they get to know each other and the upperclassmen.

Football weekends form a major part of the Fall social activity. These weekends consist of, in addition to the games, pop rallies, parades, and dances at the various fraternity houses. The largest football weekend is, of course, Homecoming which is usually held in October, and is in honor of the alumni of the University.

All fraternities, sororities, and dormitories decorate with appropriate Homecoming decorations. Floats are entered in the parade, and each fraternity and sorority presents a skit on the Thursday night before the weekend. The best of the skits are presented on Friday night at spectacular Gator Growl which also includes singing, specialty numbers and fireworks.

On the Saturday morning of Homecoming a water show and the John Marshall Bar skit sponsored by the Law School are usually presented. After the big game, a Homecoming dance is held in the University gymnasium.

Spring and Fall Frolics are the biggest social weekends of the year and are held in December and April. Summer Frolics is held for those students attending summer school. Big name bands are featured at these campus-wide functions.

Two formal dances and a concert are presented and at Spring Frolics, Miss University of Florida, the official representative for the University, is chosen from coeds sponsored by organizations on the campus. All the fraternities have dances, costume balls, and picnics during the Frolics weekend.

In the Spring the University R.O.T.C. sponsors Military Ball which also features a name band such as Tex Beneke or Johnny Long. Formal dances which are open to all are held on both nights of the weekend and the R.O.T.C. companies parade in review on Saturday afternoon.

Throughout the year the Lyceum Council brings well-known speakers, singers, operas, and ballets to the campus. In the past the Lyceum Council has sponsored Rise Stevens, Laurence Melchior, Franz Polgar, the Navy Band, Oscar Levant, Spike Jones, the Chicago Opera Ballet, and many others.

The Florida Players which is the student theatrical group on campus presents approximately four productions a year. These have included "Born Yesterday", "The Mad Woman of Chaillot", "Faust", and "The Glass Menagerie."

Besides the social activities on campus many recreational facilities are provided for the students. Camp Wauburg, a recreation park and lake, is situated about six miles from the campus. Buses leaving from the Florida Union furnish transportation for students. Swimming facilities, bathhouses, refreshments, volleyball courts, horseshoe pits, softball facilities, badminton facilities, fishing opportunities, and boating are available.

Bryan Lounge of Florida Union is always open to students who wish to read, listen to the radio, or play the piano. Upperstairs in the Union are other lounges and reading rooms. Club Rendezvous which is located in the basement of Florida Union is open on Friday and Saturday nights for dancing, and floor shows.

The new student center contains, besides a large dining room upstairs, a place known as the "Hub" where students meet for cokes and coffee. The Campus Club also furnishes the students with a place for snacks and short orders.

YOUR FLORIDA UNION

The Florida Union—the student's own building—is largely maintained by your student fees. It's policies and program are determined by a board composed of eight students and six faculty members.

Within this building you will find a large variety of facilities, programs, and and activities especially planned to take care of your leisure time. Lounges, a browsing library, music listening rooms, a Craft Shop, darkrooms, a Game Room, and Club Rendezvous, open daily for dancing, ping-pong, and cards, will help you take care of that "spare time" between classes.

In the Union you will also find many services available. The Information Desk can be the answer to many of your questions about the campus and Gainesville. Other facilities include a Western Union sub-station, Barber Shop, Lost and Found Department, Mimeograph Department, Embosograf Service, Notary Public Service, and Watch Repair Service. If your parents or friends are planning to visit you on the campus, the Union has a number of attractive guest rooms available.

The Union is the headquarters of many extra-curricular activities. Most of the student organizations hold their regular meetings in the many meeting rooms available. Student Government, the Honor Court, Student Publications, and Florida Blue Key all have offices located in the Union. A Student Organizations Office is available for any student group to use.

The Florida Union Social Board sponsors a variety of social and recreational programs for you, the student. Dancing classes, bridge lessons and tournaments, coffee hours, outings, movies, dances, and Club Rendezvous (the campus night club) are some of the regular programs planned for you.

Camp Wauburg is also operated by the Union. This recreational park, located on the Ocala Road, is open to all students who want to spend their free time swimming, sunning, boating, playing badminton, horseshoes, volleyball, or baseball, or cooking a meal over the outdoor fireplaces.

They're your facilities, so take advantage of them!

Florida Players turns in top flight shows regularly.

EXTRA-CURRICULAS

At Florida there is a widely diversified extra-curricular program which covers almost every possible field of interest. Through these activities the student gains much of his real education. In extra-curriculars the student has a chance to put much of the theory learned in the classroom to a practical use.

Campus politics and publications probably hold the widest span of interest among the student body. Florida has long been known as a training school for prominent state politicians and journalists. It is also interesting to note that many men who are prominent in the state were also prominent in extra-curriculars while at Florida. Senator George Smathers and Governor Fuller Warren, for instance, were presidents of the student body.

In addition to journalism and politics, Florida also features a wide variety of service, religious, military, and special interest organizations. Over 200 groups cover a range of interests from agriculture to weight lifting.

As recognition for their work in the field of extra-curricular activities each year, the most outstanding men and women are tapped for Florida Blue Key and Trianon, honorary leadership fraternities.

Each year, as employers are looking more and more on extra-curricular activities in college as a means to choose men and women to fill responsible positions, the University of Florida is keeping pace with this need by offering a well rounded extra-curricular program.

Last Spring Elections included rallys, speeches, and real politickin'.

PERSONNEL SERVICES FOR YOU

As you walk across the University of Florida campus for the first time, you'll experience scores of new, enjoyable and interesting activities. But along with these, numerous questions and difficulties are also bound to arise as you begin your college career. To aid you in solving these problems there are a host of advisors on campus, willing and anxious to help you with any question that may arise. Below are listed some of the more common difficulties that plague the newly entering freshmen, along with the official who can help you with each particular problem.

Are you in need of a loan or scholarship? If you are facing an immediate financial emergency or will need assistance for the next semester, talk the matter over at the Office of the Dean of Men. The University has a limited sum available for emergency loans, and a limited number of scholarships for needy students who have completed one semester and have maintained an average of "C" or better. The address is 128-9 Administration Building.

Need a job? Twenty per cent of the men and women at the University of Florida earn a portion of their expenses by engaging in some type of part-time employment. There are not enough jobs to meet the needs of everyone and some will have to wait. If you need employment, go to the Office of Student Employment, fill out a work application, and talk over the possibilities. Both need and scholastic average are taken into consideration. This office is located in 128-9 Administration Building, Telephone 302. See Dean Boldt or Mrs. Hord.

Have you any housing difficulties? The Housing Office, administrated by Mr. Vermilye, Mr. Opp, and Mr. Rogers, is making every effort to make the dormitory conditions as ideal as possible. Whenever problems confront you, consult the student counselor in your unit. If he or she cannot help you, you will be directed to someone who can.

Feel ill? Yes, even at the University of Florida a person may sometimes get sick or receive an injury. So if you are ill; if you feel that you are more tired than you should be; if you have suffered an injury, or if you have any reason to feel that your health is below par, you should go at once to the Infirmary. There is no charge for much of the service rendered by the Infirmary, and if you need to be hospitalized, you will be charged only a small fee. While there are certain types of services that the Infirmary cannot provide, members of the staff will always be glad to give advice and refer you to a competent physician for such treatment as the Infirmary cannot provide.

What about your vocational and academic problems? The choice of a vocational objective is one of the most important decisions of your entire life. If you are undecided as to a vocation, or if you are experiencing academic difficulties, counsel and advice are available to you through the Bureau of Vocational Guidance and Mental Hygiene located on the third floor of the Administration Building. This service also specializes in aiding those student with problems of adjustment.

Are you a veteran? Whenever you are confronted with a problem concerning your rights and privileges under the G.I. Bill, consult the Veterans' Advisor, who may be contacted in the Office of the Dean of Men. He will advise you relative to any changes in laws or regulations affecting veterans' problems. If you have a problem involving your records as a veteran, consult the veterans'

Records Office, also in the Administration Building. In cooperation with the U. S. Veterans' Administration, the University provides testing and counseling for those veteran students who desire it. Every student enrolled under the provisions of PL 346 may receive this service on request. The service assists in helping you to choose a training objective. It is located in 1004 Seagle Building.

Have any speech or hearing defects? Science has found ways to overcome many of these handicaps. This office, directed by Dr. Lester Hale, is equipped and staffed to aid in the case of speech, hearing, and reading difficulties.

Marriage problems? If you need assistance in solving problems in marital and pre-marital adjustment, or if you have any kind of problems in domestic relations, consult Dr. Ehrmann of the Sociology Department.

What about extra-curriculas? There is scarcely a time during your stay at the University when you are not participating in some form of organized student activity. To help you find the type of organization that best fits your interests and to help the organizations find the type of student most likely to fit into their groups, the University provides an Advisor to Student Organizations. Directed by H. K. McClelland, it is located in room 128-9 of the Administration Building.

Religious problem? If you have a personal problem or question involving religious matters, the staff of the Department of Religion will endeavor to aid you or refer you to one of the student pastors of your denomination. This department is under the direction of Dr. Scudder and Dr. Philpott and is located in 207 Florida Union.

Banking worry? A close and convenient service is offered to the University students in the basement floor, north end, of the Administration Building—the University Bank and Cashier. Bank deposits and many fees are handled here.

Place to meet? The Florida Union is a meeting place for the students on the campus between classes and in the evenings. The building houses lounges, recreation rooms, soda fountain, periodical library, auditorium, student government offices, and the offices of the many student organizations. Also many social affairs are planned for the students by the Florida Union Social Board. Directors of the Union are Mrs. Ann Clinard and Mr. Porter.

Foreign students? There are no strangers on the campus of the University of Florida. The mere fact that you liked us well enough to come so far for

Dean Boldt and the student counselors who staged the immediate past Orientation.

University Library where is housed one of the finest libraries in the country.

your education makes us especially anxious to help you. There are many things about our country and the University which you will want to know. Feel assured that any inquiry made to either of the following will receive prompt attention. Mr. John Martin, 308 Florida Union and Mr. J. Ed Price, 128-9 Administration Building.

Registration problem? To have your credits evaluated, to report a change of address, to inquire about credits from high school or other schools and colleges, to contest grades received in the mail, to add and drop courses, and many other services are rendered in the Office of the Registrar. Under the direction of Mr. Johnson, Mr. Whitehead, and Mr. Blalock, it is located in the south end of the basement and main floor of the Administration Building.

Check your record? Your social and scholastic activities are kept on permanent file in the Office of Student Personnel Records. These records are considered confidential and are used only by executive officers, or at your request. You are invited to drop by at any time to check your records. This office is under the supervision of Mrs. Young and is found in the Administration Building.

The Deans of Men and Women are interested and responsible for the non-classroom activities of the students. They are interested in the total life of the student, including his academic, financial, social, and recreational activities. Dean Beaty and Assistant Dean Boldt are in charge of the Dean of Men's Office, while Dean Marna V. Brady and Assistant Dean Evelyn Sellers head the Dean of Women's Office. Both are located in the Administration Building.

One of the most important services to the students is the faculty counselor service in the University College Office. The counselors will endeavor to assist those of you who are experiencing academic difficulties of any kind, or are confronted by other problems. If your problem is of such a nature as seems to require the services of other specialists, the counselors will refer you to them. Dean Little is head of the University College and is ably assisted by Mr. Blanton, Dr. Cox, Dr. Moore, and Dr. Wilson. The office is located on the second floor of the Administration Building.

BANK YOUR MONEY NOW . . .

One of your first problems upon arriving at the University of Florida will be that of finding a way in which to manage your finances. For this purpose the University operates a Student Bank located in the basement of the Administration Building. This bank is operated on an entirely non-profit basis for students only. The nominal one dollar per semester charge on these accounts makes them extremely attractive. However certain restrictions are placed upon these accounts as a result of University management.

When depositing a personal check on an out-of-town bank, only thirty dollars of the money deposited may be withdrawn until the check clears the bank. This procedure usually takes seven days. Checks on your account at the University Bank differ from those of other banks in that they are non-negotiable except at the University Bank itself. However, fees may be paid in the gymnasium during registration by means of these checks.

When you open an account at the University Bank the procedure is simple. You sign the ledger sheet and are issued a red bank book, which must be presented with each deposit or withdrawal. The bank recommends that you submit a certified check or a money order if you need an amount greater than thirty dollars within the first week. However, this thirty dollar rule does not apply to registration payments, it applies only to spending money.

It is strongly advised that you do not carry a large amount of cash or have it in your room, since these sums have been known to disappear in the past. This is the purpose of the University Bank.

The University Bank will be open Sunday, September 16, from 4:00 p.m. until 8:00 p.m., especially for students who want to deposit money upon arrival in Gainesville. This is strongly advised, as thus one possible source of much trouble will be taken care of before the opening of the Orientation Program on Monday.

FLORIDA CLINICAL SERVICES

The Florida Center of Clinical Services includes coordinated activity in helping the student make adjustments of a mental and physical nature, thus helping make easier his life in the University, as well as in later life.

The Coordinator of this Center is located in Room 339, Administration Building, telephone extension 526. This organization of clinics is intended to provide the student with comprehensive clinical service. Students are urged to avail themselves of these services before their problems or difficulties become aggravated and greater than may be necessary.

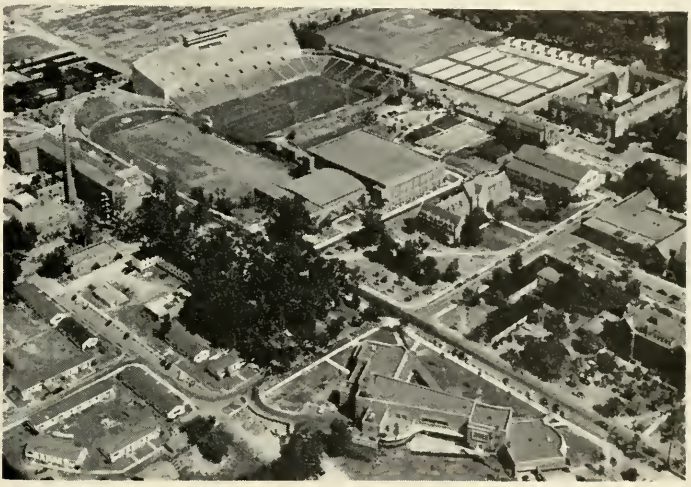
The services of the clinics are available to the residents of the State of Florida for diagnostic purposes and therapy insofar as personnel and facilities will permit. Residents of the State should make appointments through the office of the Coordinator. University students should contact the Coordinator of the Center or the head of the clinic in which he desires assistance.

One branch of the Center is the Bureau of Vocational Guidance and Mental Hygiene, which endeavors to aid the students in finding the professions for which they are fitted, through the use of tests given to determine skills and aptitudes. Another branch of the Center is the Speech and Hearing Clinic, through which students who have difficulties in hearing and speaking may receive corrective treatments. The Reading Laboratory and Clinic is for the purpose of helping students who have impediments in reading habits, enabling them to become more rapid and skillful readers.

The Physical Education program of the University makes provisions for those students having physical deviations which can be corrected or ameliorated by training. This program cooperates with the Center in that it provides for placement of the students in the program, thus fitting their physical education to their individual needs.

The staff of the Department of Student Health provides diagnostic and consultative services to the Center. Also a cooperating body is the Veterans Guidance Center, which provides counseling in helping veterans with the problems they confront in preparation for their life work.

Three student services included in the Clinical Services Center's program are student employment, scholarships and loan funds, and the office of student personnel records. Student employment applicants should address inquiries to the Assistant Dean of Men, while those desiring scholarships or loans should consult the Dean of Men. The offices of these two men may be found in room 128, Administration Building.



Florida Field and the Student Service Center from the air.

GATOR SPORTS NOW TOPS . . .

The sports picture at the University of Florida this year will be the brightest in Gator history, if last season's performances are any criteria.

Coach Bob Woodruff, who lifted Florida from the athletic doldrums a year ago, has done a complete face-lifting job on athletics here, and the result has been a continual and phenomenal rise in Gator sports.

Twelve months ago, Florida headed into its football season with prospects at a low ebb. But Woodruff, taking over the reins from his predecessor Ray Wolf, built a hustling, aggressive club around a group of green, light sophomores. Led by a brilliant newcomer named Haywood Sullivan, the Orange and Blue carved out a respectable five and five record.

Sullivan, one of the greatest passers in Gator annals, returns this year along with 30 other lettermen as the bulwark for what many consider one of the top four teams in the powerful Southeastern Conference.

Another chapter in Florida sports history began last spring when John Mauer, former Army basketball coach, was signed as cage mentor.

The curly-haired, aggressive Gator coach, has a big job ahead of him, since only four veterans return from last season's squad. The team will be built around Merril "Red" Wetherington—second high scorer last year—Roy Roberts, speedy Dick Weller and Curt Cunkle.

Highlight of the basketball schedule will be a game in mid-season with the legendary Kentucky Wildcats, kingpins of the cage world for the past ten years.

In other sports, the Gator star is on the rise. Florida's track squad, one of the conference powerhouses last spring, will be built around J. Poppa Hall, one of the country's outstanding high jumpers. Hall consistently leaps six feet, six inches.

The baseball squad, which faced 16 SEC opponents in 1951, was among the South's top outfits, and will be bolstered by a flock of returning stars next season.

Swimming, golf and tennis are also on the upgrade at the University, with three coaches—Frank Genovar, Bill Dellastatious and Harry Fogleman—the guiding lights of the three teams.

The tennis squad, which made a trip to the midwest last spring and invaded the lair of the Big Ten, won the Southeastern Conference championship in 1950 and were favored again this year.

Along with varsity athletics, intramural competition has been one of the foundations of University life. With one of the most extensive intramural setups in the United States, the mural program caters to some 5,000 students, embraces almost a score of activities, and is divided into five leagues.

Run entirely by student leaders, the intramural department of the University has been called "the best in the country" by Thomas E. McDonough, national president of the Association of Physical Education, Health and Athletics.

IT'S YOUR STUDENT GOVERNMENT . . .

Student Government at the University of Florida is modeled after that of the United States in many phases. It is also a cooperative organization based on confidence between the Student Body and the Administration. Much authority has been granted to Student Government for the regulation and conduct of student affairs. These affairs include the many student extra-curricular activities at the University, and the administration of the Honor System.

Student Government of the University is vitally the affair of the students. After a student has paid his activity fee, he is automatically a member of the University of Florida Student Body and is entitled to an equal vote in the elections of officers to run his Student Government.

Each year the Student Body elects from its members a President, a Vice-President, a Secretary-Treasurer, an Executive Council, an Honor Court, a Lyceum Council, an Athletic Council, Editors and Business Managers of student publications, and the student members of the Board of Student Publications. In addition, the President appoints with the approval of the Executive Council, a cabinet which includes a corps of students expert in the various phases of student life and activity.

Student Government enacts and enforces suitable laws, promotes athletics, debating, student publications, entertainment, and any other activities the Student Body may adopt.

Gator teams last year took top honors in all fields.

Campus elections bear a striking similarity to the national ones. All of the campaigning, platform making, production of circulars and stunts, speeches, rallies, and the rest of the bedlam goes into a University of Florida election.

There are three campus-wide elections each year. The fall elections to elect class officers, summer school elections to elect summer school officers, and the big spring elections, when all Student Government posts for the following year are elected.

The Women's Student Association of the University of Florida is a subsidiary of the Student Body. Every woman student upon registration becomes a member of WSA. The women students on campus hold their election of WSA officers each spring about one month following the general election.

The business of WSA is conducted by the Council composed of an Executive Committee, consisting of: one representative of the Freshman, Sophomore, Junior, and Senior classes respectively; and the Secretary of Women's Affairs; and representatives elected from the Hall Councils, Panhellenic, and the Women's Recreation Association.

FOR FOREIGN STUDENTS . . .

Presumably all students attending the University of Florida have a speaking knowledge of the English language. However, the University of Florida in extending a cordial hand of welcome to all foreign students has placed at their service two mediums through which explanation is available for any factors which may be confusing to them.

For those of you who are coming to the University of Florida from Central or South America or the Caribbean area, Dr. John Martin, Old Campus Post Office, is available the entire week for clarification. Students from other foreign nations other than those inclusive in the above areas should get in touch with J. Ed Price, Room 154 in the Administration Building. Both of these friendly counselors should be able to thoroughly solve any difficulties which you may come in contact with during Orientation Week. Further, they are available throughout the school year at the specified locations.

FRATERNITIES FOR MEN . . .

Forming a large part of the social and extra-curricular life of the student at the University of Florida are twenty-six national Greek-letter fraternities. These organizations, which have a total membership of well over 2000, offer students many and varied opportunities to participate in all types of athletic, social, and scholastic functions.

Among these groups a general administrative and service organization is necessary to act as a voice of the fraternities as a whole. The Interfraternity Council, or I.F.C., performs this function and is the sounding board for fraternity problems and opinion.

Within the range of its social activities, the I.F.C. sponsors Spring and Fall Frolics, the two largest weekends of the year. These weekends feature name bands such as Xavier Cugat, Harry James, Tex Beneke, and Johnny Long, and are open to all students on campus. Frolics consists of two formal dances and a concert. Besides these campus-wide events, the fraternities hold many individual social and alumni weekends.

The Interfraternity Council sponsors Fraternity Day each year. At this time the officers and faculty members of the various fraternities meet to discuss mutual problems. The fraternities, through the Interfraternity Council, sponsor drives such as the Red Cross and Easter Seal drives and help in the collection of funds for these organizations.

Each fraternity maintains its own chapter house. A fraternity row located in the southwest section of the campus near the present location of Flavet III is being tentatively planned.

Homecoming Gator Growl shows the best in student talent to crowds of more than 30,000 in the Florida Field.

The following fraternities are active on the University of Florida campus: Alpha Gamma Rho, Alpha Tau Omega, Beta Theta Pi, Chi Phi, Delta Chi, Delta Sigma Phi, Delta Tau Delta, Kappa Alpha, Kappa Sigma, Lambda Chi Alpha, Phi Delta Theta, Phi Gamma Delta, Phi Kappa Tau, Phi Sigma Kappa, Pi Kappa Alpha, Pi Kappa Phi, Pi Lambda Phi, Sigma Alpha Epsilon, Sigma Chi, Sigma Nu, Sigma Phi Epsilon, Tau Epsilon Phi, Tau Kappa Epsilon, Theta Chi, Zeta Beta Tau, and Alpha Epsilon Pi.

AND SORORITIES FOR WOMEN . . .

With 1947, coeducation came to the University of Florida, and with coeducation came sororities. Since the first group of four national sororities were installed here, several more have been added to Florida Panhellenic's roster, bringing the present total to eleven groups. Following the establishment of sororities, the Panhellenic Council was organized as a representative body for the purpose of coordinating sorority rushing, service projects, and social activities.

Projects of the University of Florida Panhellenic Association include philanthropic activities, such as the adoption of Roma, a Polish war orphan, and the sending of funds necessary for her clothing, housing and education. During the year Panhellenic and its affiliated groups actively participate in campus service projects.

Although one of the primary aims of National Panhellenic sororities is the advocation and practice of good scholarship. These groups also offer college women an increased opportunity for recreational activities through their intramural sports program, individual service projects, and the social activities in which they participate.

Each year Panhellenic sponsors an inter-sorority choral competition in which the sorority groups vie for trophies. The groups also participate in the anual All-Campus Sing, which is a musical program presented as a service to University students. Later in the year, the Florida Union Social Board sponsors a bridge competition in which sorority women participate. The spring months bring

Miss Doris Moncrief receives a bouquet from Jerry Colonna as she wins the Miss Esquire contest.

Florida Panhellenic a weekend, when high school seniors are invited to visit the University. This is done in order that they may have an opportunity to examine the facilities of the school, with an eye to becoming students here.

Formal rushing for the 11 Greek-letter sororities will be carried on during the semester after the end of Orientation Week.

WHAT DOES IT ALL COST

An average student, if there is such a creature, is estimated to spend in the neighborhood of $940-$1200 during his first year at the University. A lot of loot? As a lump sum yes, but when broken down into the various goods and services rendered, the total figure does not appear near as imposing.

The registration fees, for example, are $50.00 a semester, payable of course, at registration. Room rent varies, with the spaciousness of the room, from $30.00 to $110.00 per semester. These being the first obligations of the new student, he must also purchase books and supplies before classes begin. Cost of these will also vary with the student and his program of studies, but average is between $20.00 and $40.00 a semester.

Probably the largest item on many a student budget is food. There is a collection of eating establishments, both on and off campus, that offers high quality food, at reasonable prices, to the students.

The University Cafeteria, with four serving lines and a capacity of over 3,000 meals per meal hour, offers students meals ranging from $.50 per meal up. Students wishing to budget their monthly meal costs may purchase coupon books having cash value of $5.00 to $15.00 from the Office of the Business Manager.

It takes all kinds of stunts and smart publicity to insure a win in a Florida election.

Cokes, candy, coffee and cigarettes may be purchased, at the usual prices, from the new Student Service Center and also from the Campus Club, which is located between the wings of the cafeteria.

Another prominent item on any student's budget is laundry and cleaning. Each freshman dorm is equipped with coin operated washing and drying machines. A coin operated iron is also found on each floor. For the student desiring to send his laundry out, several Gainesville firms have representatives on campus. The average laundry and cleaning bill is estimated at about $60.00 a year.

A linen supply service may be obtained for approximately $7.50 a semester. The weekly rates are sheets, 15¢ each; towels, 7¢ each; pillow cases, 6¢ each.

Students enrolled in ROTC, which is required of freshmen and sophomores, must put up a $20.00 deposit at time of registration. This deposit is refunded at the end of the year if all equipment is returned in acceptable condition.

Annual highlight is the Ag Fair where all agricultural organizations enter exhibitions in competition.

These are the most important items to be found on the "average" student's budget. Many other incidental expenses can be counted on, however, to bring the budget close to average. Social events, such as Fall and Spring Frolics take their toll of loose change.

This is where student employment comes in. At one time, 5,000 students were listed as having part-time jobs. There are jobs to be had in the cafeteria, library, and in the many departments of the University. The average rate of pay is between 50 and 75 cents an hour. Monthly earnings average about $40. Students employed by the University are expected to maintain an honor point average of "C". The man to see is Dean Boldt, Assistant Dean of Men.

A typical Florida coed passes by the Auditorium where all transfer students will group on Tuesday of Orientation Week.

Don't get worried too much at the size of the above figures. These are the figures quoted for the average budget. It is possible to attend the University on less in a satisfactory manner. After a semester's residence you may secure outside work to help out.

A good policy to keep in mind with respect to finances for your college year is this. Plan to live the entire first semester on the money you have without any additional help, such as a job. After that you will probably be able to find additional sources of income.

SCHOLARSHIPS AND AID . . .

Scholarships available at the University of Florida are administered through the Committee on Student Aid, Scholarships and Awards. This Committee collects all information relative to the basis of awards, the value, and other pertinent facts pertaining to scholarships. The Committee also collects information on the applicants and supplies this information to the donors. In some instances the Committee has been given the authority to make awards without consulting donors.

Academic scholarship is an important factor in determining scholarship awards but it is not always the only thing considered. Often, a student's need and worthiness are also prime determining factors.

Only a very few scholarships are available to freshmen and then only after having satisfactorily completed one semester's work.

Loans administered by the Committee are of two types: (1) long-term loans, which allow the student to complete his education before repayment, and (2) short-term loans (usually small amounts for emergencies), which allow repayment from thirty or sixty days to ninety days.

Information relative to Scholarships and Loans at the University of Florida may be obtained from the Office of the Dean of Men.

FOR VETERANS . . .

Three Flavet villages provide housing facilities for veterans at the University of Florida. These villages offer many opportunities: reasonable rent, washing facilities, free movies each week, and plenty of playmates and playgrounds for the children. Women's clubs have been formed and village fairs are held in Flavet III periodically.

All buildings were procured, moved and re-erected under the Federal Housing Authority. The University provides the land and furnishings. The buildings became the property of the University in 1948.

Divided into three sections which are all near the campus, the villages were restricted to Veterans with children and Veterans with no children, the former having priority. It is hoped that non-veteran housing for married students will be available in the villages by September. All Flavets are under a student commissioner form of government. The cost of erecting these villages was $3,000,000.

The Housing Office is now accepting applications from non-veteran student couples, however, veterans still have preference.

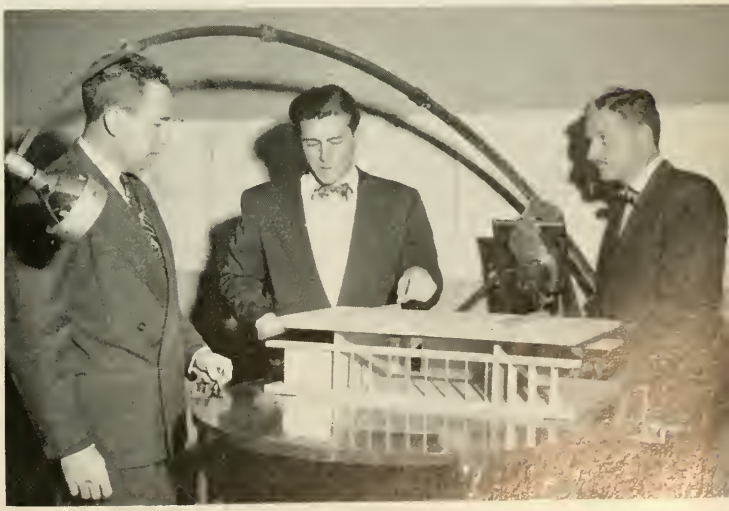
UPPER DIVISION OFFERINGS . . .

After the completion of University College, in which the student is enrolled for his freshman and sophomore years, there are many and varied fields for him to enter at the University of Florida.

The following colleges and schools are found at the University: The College of Agriculture, the College of Architecture and Allied Arts, the College of Arts and Sciences, the College of Business Administration, the College of Education, the School of Forestry, the School of Journalism, the College of Law, the College of Pharmacy, the College of Physical Education, Health and Athletics, and a Division of Music.

A student must have completed 64 semester hours and all required comprehensive courses, plus the prerequisites set up by his particular college, before he is admitted to Upper Division. An overall "C" average must be maintained also to be admitted.

The following Master's degrees are obtainable at the University: Master of Arts, Master of Arts in Architecture, Master of Arts in Building Construction, Master of Fine Arts, Master of Arts in Education, Master of Science, Master of



One of Florida's many industrial research facilities is this machine for gauging sunlight flow into structures.

Science in Agriculture, Master of Science in Engineering, Master of Science in Forestry, Master of Science in Pharmacy, Master of Education, Master of Agriculture, Master of Business Administration, and Master of Physical Education and Health.

The degree of Doctor of Philosophy is offered in the departments of Animal Husbandry (Animal Nutrition), Biology (Zoology), Chemistry, Chemical Engineering, Economics, English, History, Horticulture, Mathematics, Pharmacy, Pharmacognosy, Pharmacology, Psychology, Political Science, Spanish, and Speech.

UNIVERSITY HISTORY

The history of the University of Florida goes back over a hundred years. When Florida was admitted to the Union in 1845, the people of the state realized that adequate facilities for higher education had to be provided. Various plans were discussed and a few small schools formed. It was not, however, until the year 1875 that our active history began. It was in this year that the Morrill Act was passed, granting the state 100,000 acres of land for the establishment of two schools to be located on opposite sides of the Suwannee River.

In the years following the passage of the Morrill Act, several institutions of higher learning were established, with a resulting overlap of curricula. The Buckman Act, passed in 1905 by the State Legislature, solved this problem by merging all the institutions into two—the Florida Female College at Tallahassee, and the University of the State of Florida at Gainesville.

Our beginning was an humble one, and during the first years, progress was slow. Dr. Andrew Sledd, the first President, had at his disposal a faculty of only 15 members, and two permanent buildings in which to hold classes for approximately 110 students. In 1909 Dr. A. A. Murphree became the Univer-

Interested students listen to Robert Frost, noted poet, recite samples of his works.

sity's second President, and during his tenure reorganized the University by dividing it into Colleges and adding departments.

Under the guidance of Dr. John J. Tigert, who in 1927 became our third President, we made great progress. It was during this period that the now famous University College was formed. This general college was created in order to give students a broad and comprehensive background in the several fields of study, and to assist the student in choosing his major field of endeavor.

Two major changes occurred in 1947—Dr. J. Hillis Miller took over as our fourth President, and the University became co-educational.

With President Miller's leadership, the University has made great progress. This progress is in evidence all over the campus. There are new dormitories for both men and women, a new Student Service Center, a new addition to the Library and to the Law School, a new Engineering building, and a new Administration building.

The Student Service and Bookstore is a gathering place for students either between classes or in the evening.

Current and future building plans for the University include the following: Alumni Memorial Center, Agriculture Building, Presidents' home, Fraternity and Sorority Rows, Business Administration Building, and Physics Building.

The history of progress of this University is a long and fine one. You, as an entering Freshman, are about to take upon yourself the responsibility of continuing this proud record. Take this responsibility seriously, and by your efforts help keep the University of Florida in its rightful place among the finest educational institutions in the nation.

It is interesting to note that the University will be 100 years old officially during the fall semester of your junior year. The first College of Arts and Sciences started classes at that time making 1853 the accepted date for the start of the University in spite of the fact that its history goes back before this.

STUDENT ELECTIONS

Much authority for the regulation and conduct of student affairs has been granted to the Student Government of the University of Florida. Patterned after the national government in many respects, it has been adapted to the particular needs and requirements of the University students. It is based on a spirit of cooperation and confidence between the Student Body and the Administration.

Being both a privilege and responsibility, the Student Government vitally affects every student. After a student has paid his activity fee, he is automatically a member of the University of Florida Student Body and is entitled to participate and vote in the election of officers to operate his student government.

There are three campus-wide elections every year. The fall elections to select class officers, summer school elections to choose summer school officers, and the all important spring elections, when all Student Body posts for the following year are elected. Several weeks of campaigning, platform making, production of circulars and stunts, speeches, rallies and miscellaneous activities go into a University of Florida election. Then, after the ballots have been tabulated and an anxious Student Body hears the official returns, a new Student Government has been formed.

The list of student government officials includes a president, a vice-president, a secretary-treasurer, an Executive Council, an Honor Court, a Lyceum Council, an Athletic Council, Editors and Business Managers of student publications, and the student members of the Board of Student Publications. In addition, the President appoints, with the approval of the Executive Council, a cabinet which includes the Secretaries of Interior, Finance, Organizations, Labor, Social Affairs, Religious Affairs, Public Relations, Women's Affairs, Veterans' Affairs, and Legislative Affairs. This includes a corps of students who are experts in the various phases of student life and activity.

The University of Florida has one of the most complete physical plants in the South, including many facilities for research and advanced study.

Orientation Activities

Activity 1 PRESIDENT'S WELCOME

Traditionally, the first activity during Orientation Week attended by all students in one body is the President's Welcome. This fall, as in past Orientations, President J. Hillis Miller will officially welcome you to the University of Florida the first day of your scheduled activities.

On the program with President Miller to further greet and welcome you to the Florida campus will be W. Max Wise, Dean of Student Personnel. Other campus personalities, such as Marna V. Brady, Dean of Women, and R. C. Beaty, Dean of Men, will be on the stage along with these two gentlemen, and will perhaps be heard from during this program.

The President's Welcome will be in two sessions, the first program will be exclusively for freshmen students and will be held in the Florida gymnasium. The second session will be for new students transferring from other universities. This program will be held in the University Auditorium.

For an insight into your future campus life and further to hear what is expected of you by the President and in turn the faculty of this great university, be certain to listen well to every word of his address, for it is worthy of your closest attention.

Activity 2 PHYSICAL EXAMINATION

One of the stops during Orientation Week for both new and transfer students will be the Student Health Service in the University Infirmary. Here the Physicial Examination Report, which was completed by your family physician, has been studied by a University Physician and you have been classified as either an "A" or "B" medical rating.

Those students receiving an "A" will be registered for the regular Physical Education program. Those classified as "B" will be enrolled in the modified Physical Education program.

Students receiving a "B" rating will be interviewed by a University Physician for the purpose of aiding, advising, and counseling the student concerning his health problems. A student whose Physical Examination Report or Medical History Report is incomplete will also be interviewed by a University Physician and classified at this time.

Any student desiring to see a University Physician concerning his medical rating or a health problem is urged to do so at this time. All students who have not been vaccinated for smallpox within the last five years will be vaccinated.

Before leaving the Infirmary you will be given a clearance card, signed by a University Physician, which must be presented in order to begin registration for classes.

Activity 3 STUDENT GOVERNMENT FORUM

One of the keynotes of Orientation Week is the Student Government Forum where you will be introduced to the student governing system at the University. At this time the Chancellor of the Honor Court will swear you in as an active member of the Florida Student Body which embodies all the loyalty, responsibility, and pride inherent to this pledge.

First on this program will be a cordial welcome and general discussion concerning Student Government, delivered by Woody Liles, President of the University of Florida Student Body. Following Woody's address will be three short informative talks by representatives of the Executive, Legislative and Judicial branches of Student Government. They will outline to you the duties and responsibilities of the elected offices contained in these three branches.

Following in this trend, members of Florida Blue Key, Honorary Leadership Fraternity for Men, and Trianon, Women's Honorary Leadership Fraternity, will endeavor to point out to you the benefits and services to be derived from the work donated by you to the University.

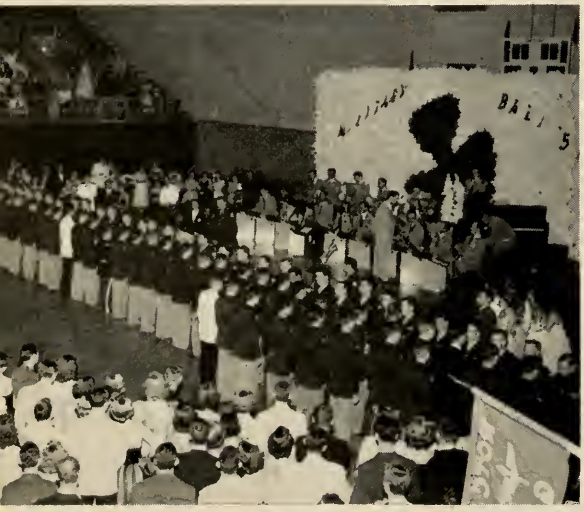
To get the news and in turn to present it to you is the aim of the campus publications. On hand at this forum will be a representative of the organized publications, five in number, to explain the pleasure and journalistic knowledge to be gained from participation in the weekly deadlines of the Alligator or the seasonal and yearly efforts of the Orange Peel, "F" Book and Seminole staffs.

This meeting is of importance, for as new students to the University you will be exposed to a new general personal responsibility, as well as opportunities. You will become aware that the interest and activity offered by you to the University will return to you with increased reward of greater personal satisfaction and knowledge.

Activity 4 EXTRA-CURRICULA OPEN HOUSE

A brand-new part of Freshman Orientation next year will be the Extra-Curricular Open House, a program set up in conjunction with the Florida Union by the Office of the Advisor to Student Organizations.

The open house will give the freshmen a chance to question representatives of the organizations on campus about the functions, purposes, and set-up of their respective groups. Students from the respective organizations will be ready and eager to answer any questions you might have concerning their group.



Deserving Military students are tapped for Scabbard and Blade Society at Military Ball.

Tables will be set up in the Recreation Room of the Florida Union and an organization representative will be at each. Freshmen may go in during the first house of the open house and ask any questions which they may have.

The open house will be held one night during Orientation Week and will include, besides the forum, many activities including dancing, group singing, ping pong, card playing, and craft work. The activities will be sponsored by Florida Union.

Activity 5 HONOR COURT FORUM

As part of the Orientation Program, students will be shown through the chambers of the Honor Court and instructed as to the working of the Honor System—Florida's Most Cherished Tradition.

This integral part of the program is designed to acquaint the new student with the provisions of the Honor Code, the results of its violation, and the procedure in the event of a violation. Thus the new student is made aware of the principles which govern the actions of a Florida student.

The Honor Code of the Student Body is very simple and at the same time very clear in its three provisions. The Florida student is pledged both to himself and to the University to refrain from:

(a) cheating, (b) stealing, (c) obtaining money or credit for worthless checks.

To carry out the Honor System, the Honor Court has been developed to judge in cases of student violation of this student system. Even as each member of the student body is duty-bound to abide by the Honor Code, so are they equally duty-bound to report all offenders to the Honor Court. The Court is composed of 11 justices, a clerk, and a chancellor—all students. The entire Honor System is planned and administered by the elected representatives of the Student Body.

Violation of the system may result in penalties ranging from a severe reprimand and loss of credit hours to expulsion from the University. If the accused is found innocent, the records of his case are destroyed. If he is found guilty, the decision is entered upon his permanent record and any transfer records.

ebate students practice before the West Point nvitational tournament last year.

The Honor Court is so set up that the fulfillment of its purpose rests upon the students themselves. Upon the new students rests the continuance of the Honor System which has been and continues to be Florida's Most Cherished Tradition.

Activity 6 UNIVERSITY COLLEGE INTRODUCTION

An Introduction to the University College has been arranged, under the guidance of Dean Little, for those students who are registering as Freshmen and Sophomores. In the meeting with W. W. Little, Dean of the University College, you will gain an idea of just what the aims of the lower division are and what makes it tick.

Set up in 1935, the University College was founded to cover six areas of general education. These divisions were: American Institutions, the Physical Sciences, Reading, Speaking and Writing English, Effective Thinking, Fundamental Mathematics, the Humanities, and the Biological Sciences.

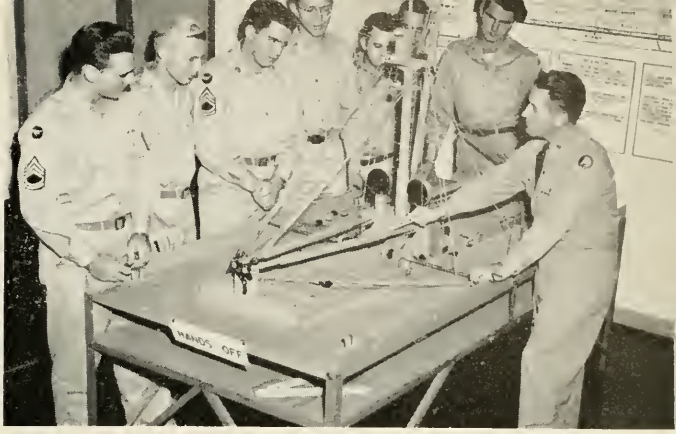
These comprehensive courses are to aid in the understanding of scientific and social culture as well as principles of government, and to acquaint you with a knowledge and attitude which everyone needs to develop a well-rounded education.

A staff of thirty University College advisors will be available before registration to assist with the selection of courses. These advisors will work with the group counselors and will further explain the process of registration, the assignment of courses and their best arrangement. It is the purpose of the Introduction to the University College to present the student with a flexible undergraduate outline of courses that will be adaptable to any consequent career changes.

Throughout Orientation Week new students will become aware of the "bigness" of opportunity at the University of Florida and here again the staff of the University College will be available to explain the educational opportunities. Free time is furnished during the week for you to go to them and get counsel concerning your problems. You will be advised of the importance in going to the proper source for your needs and pertinent facts.

It is hoped that you will always feel free to call on the advisors of the University College and be assured that personal and individual attention is at all times available to you. The cooperation shown you in the matter of counseling during Orientation Week will continue through your undergraduate work and at all times be available in your upper division college.

Many schools and divisions hold field days as this Forestry School group does.



R.O.T.C. students learn the methods of transportation from one of the Army instructors.

Activity 7 DEAN'S FORUM FOR MEN

At this time you will meet R. C. Beaty, Dean of Men, who will explain the working of his office and its relationship to the scholastic and extra-curricular life of the men students on the campus of the University.

Included in his talk are: student government, fraternities, student aid, student organizations, counseling, plus other important information. His office is the main group which is primarily concerned with the activities of the male section of the student body.

Associated with the Office of the Dean of Men to aid the students in any problem are: A. W. Boldt, Assistant Dean of Men, and H. K. McClelland, Advisor to Student Organizations.

The Office of the Dean of Men is interested in the complete life of the Florida Man; his academic, recreational, financial, and social activities are the Dean's concern. He is also the advisor to Florida student self-government. As such, he is concerned with the workings of the Honor Court, Executive Council, and the President's Cabinet; the three of them combining to form the bulk of University student government.

Through this office is channeled the various forms of student financial aid. In the form of scholarships, personal loans, student employment, and scholastic loans—the Dean of Men is equipped to assist the student finding himself in financial difficulties.

Counseling of men students is also a major function of this office. Whether your problems be personal, parental, financial, scholastic or of any kind, the Dean is a man capable of giving you good counsel. He is there to be the students' administrative spokesman, and, in turn, to be the administration's spokesman to the students.

Included on the program will be a representative of the freshman scholastic honorary society, Phi Eta Sigma, to offer to all freshmen men students a challenge to work toward and attain membership in this society. Phi Eta Sigma was founded to encourage and reward high scholastic attainment among the male members of the freshman class. As part of your Orientation Program, the president of the local chapter will speak on the society, the purpose of it and the means of attaining high scholarship at the University. At the same time, a booklet on study hints prepared by the society will be passed out.

Included in the booklet are sections on: planning your work, the main objective, health, study rooms, concentrating, efficient reading, remembering, note taking, theme writing, and examinations. The hints in this booklet are more than worthwhile; they are vital to your stay at the University of Florida.

Our University offers much in the way of extra-curricular activities, social life, and the many other phases of University life. However, they are open only to those students who are capable of maintaining their scholastic average. The student who shirks his scholastic responsibilities does not have the opportunity to fully enjoy his life at the University. You, as an incoming Florida student, owe a responsibility to both yourself and the University in this matter of study. Uphold your part of the bargain, and the University has a great deal to offer you, both in the successful fulfillment to your responsibilities as a student and in your other activities on the campus.

Activity 8 DEAN'S FORUM FOR WOMEN

Strictly for you, the incoming coed, will be the forum devoted to a talk by the University of Florida's Dean of Women, Marna V. Brady.

Dean Brady wishes to assure you that every female student at the University is treated as a mature woman, that you will have definite responsibilities and will be encouraged to recognize them. The Honor System is effective at the University of Florida and through the Women's Student Association, you make the rules you expect to abide by. The W. S. A. representatives are elected each spring by and from the women students so that you are fully capable of expressing your ideas and privileges.

The Office of the Dean of Women is one of the most helpful offices on campus, and it is urged that you feel its service accessible at all times. This office is of extreme usefulness in the counseling of women students. If you are faced with any sort of problem during your stay at the University, this office is ready and equipped to assist you. Drop in and meet one of your friends in the Administration Building sometime during your first semester. You will find in Dean Brady a warm friend.

During her hour with you Dean Brady will invite discussion on any subject which may not be presented to your satisfaction during Orientation Week. The University of Florida is proud of the history of its recent coeducational element, and, through the Office of the Dean of Women, is more than willing to discuss any aspect of conditions which exist on the campus.

Dean Brady is interested in and vitally concerned with all of the various affairs that go to make up your life here at the University. She is concerned with any curricular and extra-curricular difficulties which you might run into.

She works in close cooperation with the Residents and Associate Residents in your Residence Halls. In addition she, and her staff operates in close contact with the various women's student organizations and sorority groups. Her office acts in a coordinating and counseling capacity with respect to many of your campus activities and groups of associated activities.

Under the supervision of the Office of the Dean of Women and the Hall Residents, most of the regulations in the Halls are composed and enforced by a group of elected women students known as Hall Councils. You decide how you are to regulate your living and then you carry your thoughts out.

Activity 9 SPEECH AND HEARING CLINICS

The Florida Center of Clinical Services of the University of Florida has maintained, for several years, a Speech and Hearing Clinic which offers its services to all students who may have an impairment that may affect their academic or social life. In order that the students may be made aware of this service when needed, a survey is conducted during the Orientation period for all freshmen and transfer students. A relatively simple test is administered in order that those students may be discovered who have speech or hearing inadequacies which may prove a handicap during his college or future life.

Following the survey, individuals with speech or hearing impairments are invited to avail themselves of the clinical facilities where they will find available corrective speech instruction, audiometric tests for hearing loss, and individual counseling for the conservation of speech and hearing. The student has an opportunity to use recording devices during practice periods under the supervision of a staff of expert clinicians. The interest in the student's improvement is not limited to the clinical practice period but is projected into his classrooms by means of conferences with his instructors. All of this is made available to the student without charge.

The Speech and Hearing Clinic works in a coordinated manner with other student services, particularly those of the Psychological Clinic and the Department of Health. The Clinic facilities are housed on the top floor of the new Administration Building.

Activity 10 PERSONNEL RECORDS

The Personnel Record which you complete during this activity becomes a part of your permanent records at the University. This record is used to help counselors in advising you while here at Florida. After graduation, it is often referred to so that background information and descriptions of students' activities may be given to prospective employers throughout the nation and abroad. Occasions have arisen where these records were the only means of reference by which the University could help former students. To accomplish this huge task, the University of Florida maintains a full time staff of secretaries whose

Intricate machinery is utilized in your Speech and Hearing tests. This clinician is running a hearing test on a new student.

sole duties are to record all scholastic as well as extra-curricular activities of the students.

In order to receive the benefits mentioned above, and to aid the student in getting the forms filled out immediately upon entering this University, one of the required activities of the Orientation Program is the completing of the Personnel Charts.

These records are confidential and are used only by persons authorized by the Office of Student Personnel. However, you are welcome at this office at any time you desire to check your own personnel record. The records office is located just to the right of the main entrance of the Administration Building.

New students may obtain directions from Trianon information booths on the Plaza of the Americas.

Activity 11 ACTIVITIES FORUM

The Activities Forum will present sketches of several of the main groups of student activities at the University. Included in the program are the Division of Alumni Affairs and the Alumni Association, Religion, Division of Music, Health Services, and Intramural program.

D. R. (Billy) Matthews, Director of the Division of Alumni Affairs, will tell of the work of his office and of the work of the Alumni Office in general. All of you will some day be graduates of the University, and thus the concern of the Alumni Division. It is not premature to begin thinking of that not too distant day at this time. "Billy" Matthews will further act as master of ceremonies, and will introduce the other speakers on the program.

An entering student gets a little advice on registration from one of the group counselors.

A representative of the Religion Department will be on hand to discuss this side of the University's facilities for full living. All of them maintain chapels and/or student houses on the campus for use by the students. Drop around and become acquainted with these friends of yours. The student groups have some excellent social affairs throughout the year.

The Division of Music is represented by Dr. A. A. Beecher, Director. At this time, he will explain the workings and the opportunities of the Division and of its organizations for those of you interested in music. There are bands, singing groups, solo opportunities, classes and many other musical affairs, directed or sponsored by the Division of Music. During the forum he will present several of the division staff in a short music program, as samples of their activities.

Good health goes hand in hand with good college work. The Student Health Department, in order to keep a check on the total health of the University, maintains a complete health record on each undergraduate in the University. The Department offers guidance and advice on health problems to all students throughout their residence at the University.

In cooperation with the State and County Health Department, this Department requires that all entering students have their chests X-rayed. This is repeated each year (during registration for classes) for overall prevention of the spread of tuberculosis.

For the protection of the student, those with communicable diseases are screened out through this department. It is necessary for all students enrolling to have been vaccinated against smallpox within the past five years. It is urged that those who have not been immunized against tetanus and typhoid fever have this completed at the Infirmary as soon as possible after registration.

During your Orientation Week, ten minutes have been set aside for one of the Student Health Department Staff to acquaint you with the health services. At that time, a brief description of the services will be given, stressing objectives and your privileges regarding health and medical care. A discussion will be presented on how you may cooperate to make the health service of greater benefit to yourself and to the University.

The College of Physical Education, Health, and Athletics and, in particular, the University's Intramural program will also be discussed at the forum. Spurgeon Cherry, Head of the Department of Intramural Athletics and Recreation, will be on hand to talk on the program as it affects you, whether you are shooting for the varsity squad or just used to play a little football or baseball on afternoons.

Activity 12 PRESIDENT'S RECEPTION

A tradition of long standing at the University of Florida is the President's Reception held each fall during Orientation Week. This fall, as in the past, President and Mrs. Miller will greet you and all other new students informally at the Florida Gymnasium.

This affair will follow the President's Welcome; so be sure to meet the President and Mrs. Miller—for they are anxious to meet every new student.

This activity, although only taking up a few minutes of your time, is certain to be a memorable one when you think back over your Orientation experiences.

Dr. Miller is always happy to have students drop in for a visit at any time and this reception will give you a chance to know your President.

Activity 13 HOUSING INFORMATION FORUM

Opportunities provided by living in residence halls include development of friendships, social activities, intramurals, and participation in self-government in the individual residence halls. You will hear more about the many opportunities open to you through the residence hall programs from your Resident Hall Counselors. These counselors will help you to understand the various activities that are open to you.

In the residence halls you will meet people from all over the United States and from many foreign countries. These people share your problems and will enjoy getting together with you to talk them over in a bull session. Get to know your neighbors, you will find them fast friends in years to come.

Residence halls offer many social activities to you to enjoy. Dances are given in the women's halls for the Freshman Class. These dances are handled entirely by the students and in the past have been a great success.

In the field of intramurals the residence halls enter all fields of endeavor, football, softball, basketball, track, volleyball, any sport that you will be interested in will be played in some form under the intramural setup at the University. The residence hall teams in the past have been in the top brackets on many occasions.

The residence hall teams compete against each other and against those of the various fraternities on the campus. Cups and trophies are awarded to the winners of these various sports. These intramural sports are not in any way limited to the men's Residence Halls. The women have their own sports and their own intramural setup.

The residence hall government is carried on and enforced by the students themselves. They are self-supporting with all expenses met from student rental payments. The housing office offers services of many kinds. Among these are lounges, recreation rooms, and laundries. And for the coed, in addition to the laundry services, there are rooms equipped with hairdryers and sewing machines.

Mr. Dyckman Vermilye, Interim Housing Director, will be on hand to help you with any problems you may have during Orientation Week relative to housing and will answer any questions you have concerning the facilities available to you, the student.

Activity 14 GROUP COUNSELOR'S FORUMS

Twice during Orientation Week, you and your group counselor will have a scheduled get-together. The first meeting, at the beginning of the week will serve to get you better acquainted with your group counselor, whom you will be working with for the next seven days. It will be to your advantage to know your counselor and to learn to follow his instructions and suggestions. At this time your counselor will outline the Orientation Week program, and answer any questions you may have pertaining to this subject.

The second group counselor's forum will be in the latter part of the week, at which time your group counselor will answer any questions which may have come to your mind during the Orientation Program.

Remember, your group counselor has been through Orientation Week himself, and you will find his advice invaluable in getting the most out of the Orientation Program.

ABOUT YOUR GROUP COUNSELORS

Your first appointed meeting during Orientation Week will include a section grouping and your introduction to the student who will be your guide and immediate counselor during the rest of the week. This Group Counselor is handpicked from the men and women on campus who are outstanding in their particular fields of activity. He or she will serve as a personal source of assistance and information and will be your coordinator for the various activities of Orientation Week. Feel free to consult your group counselors, who are willing and eager to help you concerning your immediate problem. If they cannot help you, they will refer you to the proper college office or to other University services.

Your Group Counselor stands ready and eager to help you.

All new students are assigned to groups of twenty-five students with an immediately responsible Group Counselor. There will be approximately 80 groups for the 1951 Fall Orientation. More than ever before, the University of Florida is vesting the individual Group Counselor with the welfare of you, the incoming student. He will attempt to effect an easy adjustment to every activity and be the means for providing information for your participation in the many entertainment features offered during the week. In addition, and in conjunction with the faculty counselor offered by the colleges of the University of Florida, the student counselor will assist you with course registration and scheduling problems.

The Orientation Program has afforded you, in the person of your Group Counselor, the most personalized service at its disposal. Take advantage of his services.

Activity 15 LIBRARY TOUR

During your studies at the University you will find it necessary to make use of the facilities of the University Library. During Orientation Week you will be taken on a tour of the Library to acquaint you with the many facilities that are at your disposal during the school year. Your tour will take you through the reading rooms, the music rooms, the projection room, and the various study rooms.

Librarians will be on hand to give you the details on how to find the books on the different courses you will be taking. The system of reserve books will be explained to you and you will be conducted on a tour of the stacks.

To obtain books from the University Library you must fill out a card containing your name, student number, and the name and file number of the book; all the entries necessary on this card will be explained to you at this time.

Make use of the library facilities while you are at the University of Florida, for it is within this building that the vast majority of the information necessary to your courses is to be found. The University Library is one of the best to be found in the United States, and you will find it to your advantage to understand the filing system, in order to save yourself a lot of time later on.

Adequate laboratory space is provided for all of the many scientific fields represented in the academic structure of the University.

Activity 16 CAMPUS TOUR

A tour of the University campus will be held during the first Group Counselors' Forum at the beginning of Orientation Week. The counselor will act as a guide, indicating points of interest around the campus, and describing the functions of the various buildings. The counselor will conduct the new students through the buildings, pointing out classrooms, offices, laboratories, etc. All the buildings in which the freshmen will have Orientation meetings will be shown to him, so that some of the confusion of the first few days will be eliminated. The Student Government offices, the publications' offices, the Cafeteria and many other places will be toured.

The new student should ask his Group Counselor any questions he may have as the Counselor is anxious to help the freshmen familiarize themselves with the campus. The tour will take about one hour and will cover most of the campus proper.

Activity 17 FRATERNITY DATEBOOKS

Fraternity rushing will start Tuesday of Orientation Week at 11:30 a.m. New students interested in attending these functions may pick up their rushing datebooks any time during the day Monday, September 17. The rushing period will last until Friday at 1:30 p.m.

There are 26 fraternities at the University and each takes part in many worthwhile activities both on and off the campus. Through pledge training, new members develop school spirit and promote tradition, which is carried on after initiation, and indeed, throughout life.

During the rushing section of Orientation Week, fraternity men must keep clear of the Freshmen Residence Halls and must not interfere nor allow a rushee to miss any section of the Orientation Activity. All rushing rules apply to all persons, actives or pledges or alumni, connected in any way with the fraternity.

All dates with fraternities must be written in the IFC Fraternity Datebook. Rushees must sign date with fraternity personally. Should a rushee desire to break a date with a fraternity, he may do so if he presents himself in person at the fraternity house. After breaking a date, he must spend the period free of all fraternity houses.

No women will be allowed into the fraternity houses during the period of rushing, excluding housemother, parents or guardians of brothers, pledges, rushees, inactives, or alumni or brothers and pledges.

One of a number of student religious houses on the campus. The groups maintain chapels and recreation facilities for all.

The hours for formal rushing are:

Tuesday	Wednesday	Thursday	Friday
11:30 - 2:30	11:30 - 2:30	11:30 - 2:30	11:30 - 1:30 p.m.
2:45 - 4:45 p.m.	2:45 - 4:45 p.m.	2:45 - 4:45 p.m.	(only)

Two of the three supper hours and evenings will be completely free for rushing. On these two occasions, the rushing hours shall be 5:00 to 8:00 p.m., and 8:00 to 11:00 p.m. On the third night, there will be a required Orientation Program, the hours of rushing on this evening shall be 5:00 to 7:00 p.m. and 9:00 to 11:00 p.m.

Activity 18 SORORITY INFORMATION FORUM

The Sorority Information Forum is for all women students who are interested in affiliating with sororities at the University of Florida. At this time, the President of Panhellenic Council, which is a representative body composed of members from each of the Florida sororities, will explain the purposes and functions of Greek-letter sororities, and will introduce to you the presidents of the eleven national sororities on the campus.

Dean Brady and the various women Residents will be your friends as they stand ready to advise you during your years at the University.

The purpose of the forum is to acquaint you with the sororities, to tell you of the extra-curricular programs which they offer, and to discuss with you the practical and financial aspects.

Expenses incurred through dues, fees, and living in the sorority house will be reviewed, as well as the social obligations of the sorority woman.

Also a feature of the forum is an open discussion, during which you are invited to raise any questions which you may have.

National Panhellenic groups represented on the University of Florida campus are Alpha Chi Omega, Alpha Delta Pi, Alpha Epsilon Phi, Alpha Omicron Pi, Chi Omega, Delta Delta Delta, Delta Gamma, Kappa Delta, Phi Mu, Sigma Kappa, and Zeta Tau Alpha.

Activity 19 PAJAMA PARADE . . . RALLY . . . DANCE

The activities on the Friday evening of Orientation Week will feature a pre-game pep rally and annual Pajama Parade, followed by a street dance and Florida Union Open House. These functions are open to all students both old and new, and a big turnout is expected.

The Pep Rally, which will begin the night's program, will be held at the Florida Gymnasium. The new students will get to see and hear the Fight'n Gator Band, the cheerleaders, and the Gator Pep Club in action. At this time the cheerleaders will lead the Florida yells, a few songs, and start off the parade. Students will wear pajamas to the rally since the parade will start immediately afterwards.

The Pajama Parade will form at the Gym and progress downtown to the center of Gainesville and back again, breaking up at the Florida Union. While the men students will all wear pajamas, coeds are limited by University rules to a pair of blue jeans with a pajama top. This parade should be one of the most entertaining events of Orientation Week and will furnish the new students many opportunities to meet new friends.

The street dance will follow the end of the parade. It will be held at the south side of the Union, and a band will be provided for both square and ballroom dancing. At the same time, the Florida Union will hold an open house for all new students. Card games, shows, and a wide variety of social affairs will be provided. The activity-filled evening, which promises to hold a great time in store for everyone, will break up at midnight.

Activity 20 STUDENT BODY RALLY

As part of the Orientation Program, a rally is planned for Wednesday evening. The accent will be on the 1951 football season; to be our second under Coach Bob Woodruff.

Here you will meet football co-captains for the fall season, Jim French and Carrol MacDonald. You will also meet our coach, Bob Woodruff. Another

The annual Pajama Parade and rally will be one of the high points of your Orientation Week.

feature of this program will be the 1951 Fight'n Gator Band giving a sample of their between the halves performance.

The cheerleaders will demonstrate the various Florida cheers and songs and go through them a few times so that the new students will be all set to join in on Saturday afternoon. The mimeographed programs will contain the Florida cheers, and will also have the traditional songs on them for everyone to learn. The band will accompany the group as they go through the songs which typify a Florida football weekend.

The famous Florida card system will be demonstrated by the Gator Pep Club. The card tricks consist of forming figures and words in the stadium stands by the use of eight colored cards. The Florida system requires 2000 students at each home game to wield the cards. No previous experience is necessary to do these tricks.

This enjoyable and enlightening program is one of the fastest moving hours of the entire Orientation Week.

GRIDIRON FEVER GRIPS CAMPUS

The never-old epidemic of football fever will take over the campus Saturday night of Orientation Week, when Florida's vastly-improved grid team meets the Citadel in the official home opener at 8:00 p.m. on the Florida Field.

The Gators, rated by many as one of the top teams in the powerful Southeastern Conference, will be making their first appearance on the Florida Field since its revamping last spring. The enlarged stadium, which now seats close to 40,000, will be formally dedicated at the game.

Speculation about the 1951 prospects have run high ever since the impressive spring Orange & Blue intra-squad tilt last March, and a near-capacity crowd is expected to be on hand for Saturday night's opener.

Gator Coach Bob Woodruff hopes to cash in this season.

The famous Florida card section spelled out a welcome for returning alumni at the Homecoming game.

A year ago this week, the Gators took the field against the same Citadel squad, and were favored to win by two or three touchdowns. But the Bulldogs from South Carolina held Florida to a standstill and for nearly four quarters, it looked like an upset. Then a jack-rabbit sprinter named Jack Nichols raced 76 yards for a Gator touchdown, and the Orange and Blue squeezed through with a thread-like 7-3 margin.

Nichols is back again this season with the other stars that made headlines last season. Ace of the squad and one of the finest passers in the country is Hurlin' Haywood Sullivan, the talented quarterback from Dothan, Alabama, who was second-team All-SEC a year ago.

Along with the "Incomparable Haywood," the eyes of the South will be focused on a sensational freshman who is destined to become one of the greatest triple-threats in conference history. He is Tampa's Rick Casares, a star freshman last season and voted the country's outstanding high school football performer two years ago.

Other standouts returning include Sam Oosterhoudt, a mercury-legged junior who runs like the wind; Floyd Huggins, power-house fullback; Billy Reddell, a top-running back; Charlie LaPradd, a rock-ribbed stronghold on the line; and Carrol MacDonald, co-captain and first-string center.

THE 1951 FOOTBALL SCHEDULE

Home Games—Florida Field

Citadel	September 22, 1951	8:00 P.M.
Georgia Tech	September 29, 1951	8:00 P.M.
Vanderbilt (Homecoming)	October 20, 1951	2:30 P.M.
Kentucky	October 27, 1951	2:30 P.M.

Gator Bowl—Jacksonville

Wyoming	September 15, 1951	8:00 P.M.
Georgia	November 10, 1951	2:30 P.M.

Games Away

Loyola (at Pasadena)	October 6, 1951	2:00 P.M.
Auburn (at Auburn)	October 13, 1951	2:30 P.M.
Miami (at Miami)	November 17, 1951	8:15 P.M.
Alabama (at Tuscaloosa)	November 24, 1951	2:00 P.M.

For A Rousing Welcome Home . . .

BEAT CITADEL

— Stadium Dedication Night —

Support Bob Woodruff And The Gator Team

Learn The Players . . . The Cheers . . . The Songs . . .

SATURDAY NIGHT, SEPTEMBER 22, 8 P.M.

Let's All Go Out And

BEAT CITADEL

ABOUT TICKETS

In case you're worried about tickets for Florida's games, the plan is quite simple. Student tickets for all Gator football contests—home or away—are contained in the Student Activity Book, which is received during registration.

These tickets, however, are for admittance to the games only, and are not for a reserved seat. The tickets must be exchanged at the stadium for reserved seats (this can be done on any day of the week preceding a game).

The student activity book also entitles the holder to admission to all other athletic contests during the year, so freshmen are advised to guard their book carefully.

If a student wishes to take a non-student to the game—either a date, friend, or parent—guest tickets may be purchased at the ticket office in the Florida Gymnasium. As for the four games away—Loyola (at Pasadena); Auburn (at Auburn); Miami (in Miami); and Alabama (at Tuscaloosa)—student tickets may be exchanged for reserved seat admissions at the ticket office.

The Florida Gymnasium as seen from the side of the Engineering and Industries Building on the campus.

REGISTRATION

The major activity of your Orientation Week is registration. Always thinking of the student's best interests, as well as how to save time, the Registrar's Office has done an admirable job of streamlining the procedure from the mass of confusion caused by swollen post-war enrollments to methods used now.

You will register with your group, which will be scheduled to register on one of the days from Tuesday to Friday. It is important that you be present to register when scheduled—no changes can be made. Unexcused absences from Orientation Activities will make it impossible for you to register at this time.

You will meet your Group Counselor outside of Floyd Hall (on the west side of the Plaza, consult your map). Once inside Floyd Hall, you will fill out preliminary records and receive an envelope filled with registration forms. You will have no trouble if you follow the instructions given during this initial step of registration, and if you read carefully the instructions printed on your registration envelope.

From Floyd Hall you go to the University College office in the Administration Building. There counselors, who have records and results of your placement tests, will work out with you a suitable curriculum.

Many of the fraternities and sororities have their own parties during the fall.

From the University College office in Anderson Hall you will go to the basement of Florida Gymnasium. Your first stop is a chest X-ray and a photograph. (No one is allowed to register until they have completed these.) Then you begin getting your class meeting times scheduled. The scheduling table for each course is designated by a large sign hanging above it. If you have difficulty finding the proper table for one of your assigned courses, look around for your Group Counselor—he'll find it for you.

Good advice is to try to sign up for the courses with the fewest number of sections first. Go to their tables at the beginning. This way you keep the courses with the most available sections open until last, and you'll wind up with a schedule closer to what you want. However, don't expect to avoid all early morning and Saturday classes—the odds are against it. College is different from high school.

Keep your Group Counselor in sight during registration. Don't hesitate to give him a whistle if you want some help in working out a tentative schedule.

After you have received a schedule card for each of your courses, write your name in the proper space on each one. Then get out your money—because the cashier will be waiting for you. If you're a veteran, see the man at the veteran's table. After receiving a cashier's receipt, check in all cards at the door, pick up your pass book for athletic events, go outside and get a breath of fresh air. The entire registration procedure usually takes from one to three hours.

If absolutely necessary that you change a scheduled class time, wait until the following week and see the Dean of your College.

Just remember, follow instructions and you'll have no trouble. Your Group Counselor will be around—if in doubt about anything, ask him.

RELIGIOUS ACTIVITIES

Planned for you during the weekend are a wide variety of religious activities. The various religious groups on the campus have planned receptions, open houses, suppers and worship programs.

On Saturday evening, there will be Student Guest Dinners from 5:30 p.m. until 8:00 p.m. at many of the religious student houses. Such dinners are planned at the Baptist Student Union, the Episcopal Student Center, the Wesley Foundation, and the Presbyterian Student House.

Sunday morning, there will be Morning Worship Services at the local Gainesville churches. All students are cordially invited to attend services at the church of their choice. The Protestant churches have Sunday School classes for students which meet at 9:45 a.m., followed by morning services at 11:00 a.m. Catholic Masses are said at Crane Hall at 8:30, 10:00, and 11:30 a.m. A breakfast and discussion held at the Hillel Foundation at 10:00 a.m.

Sunday evening many of the religious groups have planned programs. The Episcopal Student House will hold a Reception and Open House; as will the Wesley Foundation, and Crane Hall. A supper and Fellowship Hour will be presented by the First Presbyterian Church. The Hillel Foundation is planning

Each of the women's Residence Halls is provided with a lounge for relaxation and entertaining.

a Reception and Open House. A Supper and Open House is to be held at the First Christian Church. All of these events are scheduled to last from 5:30 p.m. until 10:00 p.m. In addition, at 8:00 p.m., all of the Baptist churches in Gainesville will have their regular Evening Worship and Fellowship Hour.

Ask your Group Counselor for the address and location of the church of your choice. He will have a list, by denomination, of every church in Gainesville. Don't fail to ask him, he is ready and eager to supply you with this information.

INFORMATION BOOTHS

As an aid to answering the many questions and problems that might confront you during Orientation Week, information booths have been arranged for by the Orientation Committee. These booths will be manned for your service by coeds chosen by Trianon, Women's Leadership Fraternity. They are to be open from 8:30 a.m. to 5:30 p.m., Monday through Friday of Orientation Week, and on Saturday from 8:30 a.m. until noon.

You will be able to locate the information booths at two points on campus. The first will be in the center of the Plaza of the Americas, and the second will be found across the street from the main entrance to the Florida Union. They will be easily identified by large "Information" signs contained on them.

The student personnel at these booths have been carefully selected, and possess a mass of campus knowledge. They will be your source for information which you may need in the absence of your group counselor. If they are unable to give you complete satisfaction, the student assistant helping you will have access by telephone from the booth to the Orientation offices. Please do not hesitate to call upon these charming coeds for any assistance which you may need.

HELLO TAGS

Your Hello Tag will help you to meet other new students, Group Counselors, and Orientation Week Personnel.

The tags for new students are blue—those for Group Counselors, student orientation assistants, administrative and staff persons will be yellow.

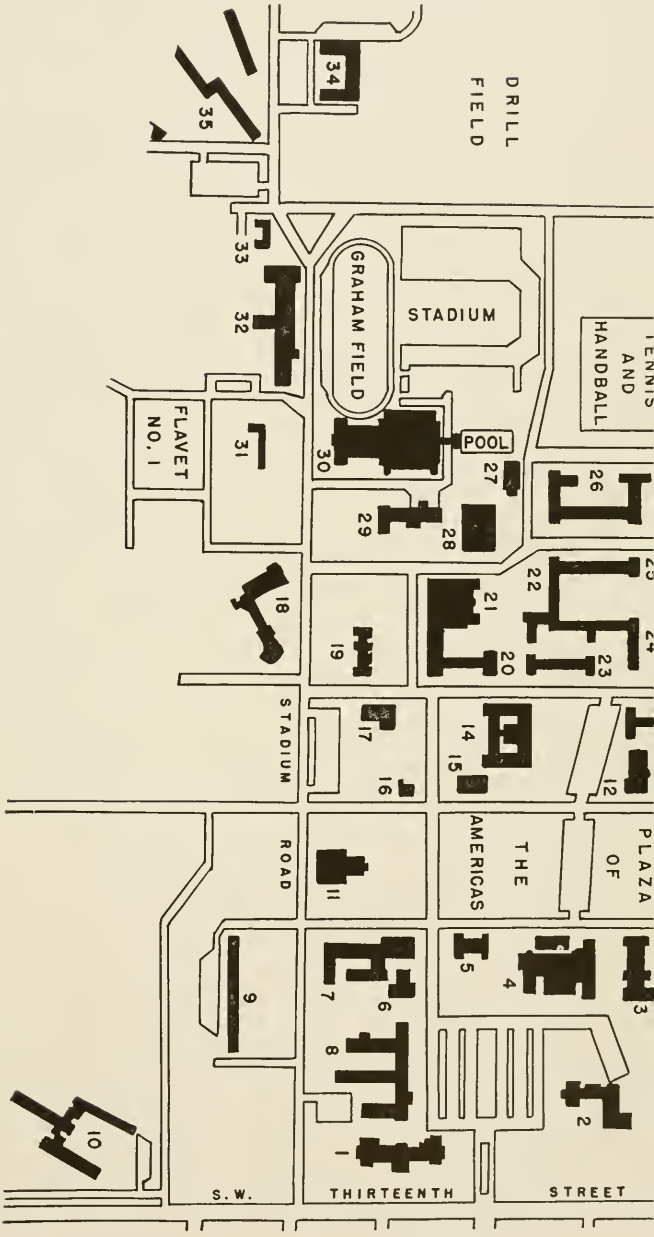
Don't hesitate to lean over and stare at a fellow student's tag—that's what it's there for. Call him by name—he may be the fellow sitting next to you in class some day.

THANKS

The Orientation Committee wishes to thank Mr. R. S. Johnson for his gracious cooperation which made this booklet possible. Sincerest thanks are tendered to Mary Shiver, Ralph Sneeringer, Vee Hopkins, Barbara Nunnally, Shirley Rettie, and others.

Administration Building	1
Anderson Hall	3
Benton Hall	7
Building E—temporary classrooms	8
Buckman Hall	23
Building I—temporary classrooms	13
Building K—temporary classrooms	31
Building L	33
Building R—Music	28
Engineering and Industries Building	32
Fletcher Hall	24
Florida Gymnasium	30
Florida Union	20
Floyd Hall	15
Grove Hall	9
Horticulture Building	17
Law Building	2
Leigh Hall	14
Library	4
Men's Residence Halls	35
Military Building	34
Murphree Hall	26
Newell Hall	19
Old Campus Post Office	16
Peabody Hall	5
Science Hall	12
Sledd Hall	22
Student Service Center	18
Thomas Hall	25
University Auditorium	11
University Cafeteria	21
University Infirmary	29
Women's Gymnasium	27
Walker Hall	6
Women's Residence Halls	10

CAMPUS OF THE UNIVERSITY OF FLORIDA
PARTIAL VIEW



The University Record
of the
University of Florida

UNIVERSITY

TELEPHONE DIRECTORY

See pages 1, 2 and 3 for
Information and Instructions

Vol. XLVI *Series 1, No. 10* *October 1, 1951*

Published monthly by the University of Florida, Gainesville, Florida. Entered in the post office in Gainesville, Florida, as second-class matter, under Act of Congress, August 24, 1912
Office of Publication, Gainesville, Florida

Assigned to Phone_____ Room _____ Building _____

How to Use the Dial Telephone . . .

For Outside Numbers (Gainesville only) . . . . . Dial 9

Listen for the changed dial tone; then dial the Gainesville number.

For Long Distance . . . . . Dial Operator

On all calls, remove the receiver carefully from the hook and *listen for the dial tone before starting to dial a number. The dial tone is a steady humming sound heard in the telephone receiver* indicating that the line is ready for you to dial.

How to Dial A Number

When you hear the dial tone, keep the receiver off the hook and dial each figure of the telephone number. For example, if you are calling 234, proceed as follows:

1. Place your finger in the opening over the figure "2."
2. Turn the dial around until your finger strikes the finger stop.
3. Remove your finger and without touching the dial allow it to return to its normal position.
4. Proceed in the same way to dial the other figures.

If your finger slips, or you make a mistake in dialing, hang up the receiver at once, wait a few seconds and dial again.

Before starting to dial a second call, always hang up your receiver for a few seconds in order to clear the previous connection.

Ringing and Busy Signals

Within a few seconds after you have completed dialing you should hear either the ringing signal, an intermittent burr-rr-ing sound, indicating that the bell of the called line is ringing, or the busy signal, a rapid buzz-buzz-buzz, indicating that the called line is busy.

If you do not hear either of these signals within half a minute, hang up the receiver, wait a few seconds and make another attempt.

Obtaining the "Operator"

You can get the operator by placing your finger in the opening in the dial through which the word "Operator" is seen, and turning the dial once only to the finger stop. In a few seconds the operator will answer you.

On incoming calls from (outside) you may recall the operator by moving the receiver hook up and down. Dialed calls within the campus cannot be transferred.

Calls from a Party Line or from a Line with an Extension Telephone

Always make sure that the line is not in use. If you do not hear the dial tone, ask if the line is being held by someone else on the line. If no response is received, hang up the receiver for a few seconds and make another attempt.

However, should you hear successive clicks indicating that someone on your line is dialing, wait until the dialing stops and then inform him that you have interfered with his call and that it will be necessary for him to hang up and dial the complete number again. Then replace your receiver on the hook.

If, during or after your dialing, you hear another party on your line, tell him that the line is in use and request him to hang up his receiver. If you have not finished dialing your number when the other party comes in on the line, after he hangs up, you should hang up your own receiver for a few seconds, then remove it, listen for the dial tone and, when it is heard, dial the complete number again.

To Call Another Party on Your Line

If you are on a party line and wish to call another party on your line, dial the number 8 only and immediately hang up your receiver. Your bell, as well as the bell of the party you are calling, will then ring at brief intervals. When the called party answers, your bell will stop ringing. You should then lift your receiver and talk to the party answering.

If your bell does not stop ringing in from one to two minutes, it indicates that there is no one within hearing distance to answer the called telephone. You should then stop your bell from ringing and free the line from the connection by removing your receiver from the hook for a few seconds and then replacing it.

EMERGENCY CALLS

To report a FIRE . . . . . Dial Operator and say, "I want to report a fire"

For POLICE . . .Day . . . . . Dial 431

For POLICE . . .Night . . .Dial Operator, and ask her to contact Campus Police.

For Gainesville POLICE . . . . . Dial 9 . . . . Dial 4221

SERVICE CALLS

INFORMATION . . . . Numbers not listed in directory. . . . . Dial Operator

REPAIR SERVICE . . To report a telephone out of order . . . . . Dial Operator

LONG DISTANCE . . Dial Operator, and say, "I want to place a long distance call."

REMEMBER

1. All telephone equipment is overworked.
2. ALL LONG DISTANCE calls must be relayed thru the campus operator and record made by extension caller.
3. Only necessary personnal calls may be made.
4. Do not dial or call from memory. Consult these directories for the correct numbers.

TELEPHONE SUGGESTIONS

1- Answer calls promptly and in a business like manner.

2- Immediately identify yourself. For example:
"Mr. Smith's office, Miss Williams"
"Maintenance, Mr. Green."

3- Speak distinctly and pleasantly.

4- Immediately volunteer assistance regarding an absent person:
"May I locate Mr. Jones and ask him to call you?"
"He is out of the office until 11o'clock. Do you wish him to call you, or could someone else help?"

5- Accept messages willingly.

6- Listen attentively until you understand what the caller wants; then offer to transfer if the call can be handled elsewhere.

7- When making a telephone call identify yourself immediately to the person answering.

8- Keep your conversation brief and business like.

9- Remember, dial calls within the Campus cannot be transferred.

UNIVERSITY OF FLORIDA

DIRECTORY OF FACULTY AND EMPLOYEES

The following abbreviations are used to designate buildings:

A - Building A (Accounting)
AD - Administration Building
AN - Anderson Hall
AU - University Auditorium
B - Building B (Civil Engineering)
BA - Benton Annex
BN - Benton Hall
BU - Buckman Hall
C - Building C (Art)
CA - University Cafeteria
CL - Citrus Laboratory
CR - Cancer Research Laboratory
D - Building D (Economics)
DL - Dairy Products Laboratory
E - Building E (Classrooms & Laboratories)
EI - Engineering & Industries Building
F - Building F (Engineering Shops)
FG - Florida Gymnasium
FL - Floyd Hall
FR - Fletcher Hall
FU - Florida Union
G - Building G (Biology)
GH - Horticulture Greenhouse
GR - Grove Hall
H - Building H (Biology)
HP - Heating Plant
HT - Horticulture Building
I - Building I (Classrooms)
IN - Infirmary
J - Building J (Biology)
K - Building K (Classrooms)
L - Building L (Photo Lab & Military Storeroom)
LE - Leigh Hall
LI - Library
LW - Law Building
M - Building M (Biology)
MA - Mallory Hall
MI - Military Science Building
MS - Maintenance Shops
MU - Murphree Hall
N - Building N (Engineering Classrooms and Laboratories)
NA - Newell Annex
NE - Newell Hall
NL - Nutrition Laboratory
NO - North Hall
O - Building O (Biology)
OD - Office Building D
OE - Office Building E
OF - Office Building F
OG - Office Building G
OH - Office Building H
OJ - Office Building J
PC - Pest Control Building
PE - Peabody Hall
PG - Plant & Grounds Division Building
PL - Poultry Disease Laboratory
PO - Poultry Husbandry Laboratory
R - Building R (Music)
RA - Radio Station WRUF
RE - Reed Laboratory
RI - Reid Hall
S - Building S
SC - Science Hall
SD - Sledd Hall
SE - Seagle Building
SL - Sanitary Research Laboratory
SO - South Hall
SS - Student Service Center
ST - Sewage Treatment Plant
T - Building T (Transportation Offices and Garage)
TH - Thomas Hall
TL - Tung Laboratory
TO - Tolbert Hall
U - Building U (Architecture and Art)
VL - Vegetable Products Laboratory
WA - Walker Hall
WE - Weaver Hall
WG - Women's Gymnasium
WO - Wood Products Laboratory
YN - Yonge Laboratory School
YU - Yulee Hall

A

	LOCATION	PHONE NUMBER
ACCOUNTING	A 10	571
AERONAUTICAL ENGINEERING	N 125	316
AGRICULTURAL CHEMISTRY	LE 200	486
AGRICULTURAL ECONOMICS, COLLEGE OF AGRICULTURE	HT 309	333
AGRICULTURAL ECONOMICS, AGRICULTURAL EXPERIMENT STATION	HT 309	333
AGRICULTURAL ECONOMICS, AGRICULTURAL EXTENSION SERVICE	HT 307	332
AGRICULTURAL EDUCATION	YN 136	588
AGRICULTURAL ENGINEERING	OH 35	216
AGRICULTURAL EXPERIMENT STATION		
Director	HT 109	493
Administrative Office	HT 111	491
Assistant Director-Administration	HT 109	492
Assistant Director-Research	HT 107	260
AGRICULTURAL EXTENSION, Dept. of	HT 307	332
AGRICULTURAL EXTENSION SERVICE		
Director	HT 105	496
AGRICULTURAL, PROVOST	FL 107	215
AGRICULTURE, COLLEGE OF		
Dean	FL 106	696
AGRONOMY		
Agricultural Experiment Station	NE 304	439
College of Agriculture	FL 302	615
ALLIGATOR OFFICE	FU 8	211
ALUMNI ASSOCIATION	AU	214
ANIMAL INDUSTRY	NE 204	324
ANTHROPOLOGY, SOCIOLOGY AND	PE 310	487
ARCHITECT TO BOARD OF CONTROL	E	343
ARCHITECT, CONSULTING	AD 306	363
ARCHITECTURE AND ALLIED ARTS, COLLEGE OF		
Dean	E 119	505
ARCHITECTURE	E 125	606
ART	E 123	356
ARTS AND SCIENCES, COLLEGE OF		
Dean	AN 103	358
Assistant Dean	AN 103	504
ASTROMONY	WA 205	586
ATHLETICS		
Business Office & Ticket Sales	FG 201	240
Intercollegiate Athletics	FG 228	242
Intramural Athletics	FG 128	243
AUDITOR, BUSINESS OFFICE	AD 102	256

B

BACTERIOLOGY	SC 102	500
BAND	R 138	671
BIOLOGY	LE 114	275
BLUE KEY OFFICE	FU 310	378
BOARD OF UNIVERSITY EXAMINERS	SE 405	235
BOARD OF STUDENT PUBLICATIONS	FU 10	423
BOOKSTORE, UNIVERSITY	SS	665
BOTANY, AGRICULTURAL EXPERIMENT STATION	NE 102	322
BOTANY, COLLEGE OF AGRICULTURE	SC 102	500
BOYS CLUB AGENT, AGRICULTURAL EXTENSION SERVICE	HT 303	334
BUREAU OF ECONOMIC & BUSINESS RESEARCH	D 214	536
BUREAU OF EDUCATIONAL RESEARCH	YN 326	479
BUREAU OF PROFESSIONAL RELATIONS, COLLEGE OF PHARMACY	LE 318	429

	LOCATION	PHONE NUMBER
BUREAU OF STANDARDS, NATIONAL	SE 1104	236
BUREAU OF VOCATIONAL GUIDANCE & MENTAL HYGIENE	AD 308	345
BUSINESS ADMINISTRATION, COLLEGE OF		
Dean	AN 204	303
Assistant Dean	AN 204	303
BUSINESS EDUCATION	YN 308	502
BUSINESS OFFICE (See also Auditor, Cashier, Etc.)		
Business Manager	AD 102	463
Business Manager, Assistant	AD 102	461
BUSINESS ORGANIZATION & OPERATION	D 104	584

C

C-1 OFFICE	PE 110	654
C-2 OFFICE	BN 202	377
C-3 OFFICE	AN 207	305
C-41 OFFICE	AD 204	300
C-42 OFFICE	WA 205-A	586
C-5 OFFICE	AN 104	452
C-6 OFFICE	SC 105	573
CAFETERIA		
P.K. Yonge	YN	382
University	CA	661
CANCER RESEARCH LABORATORY	CR	395
CASHIER, BUSINESS OFFICE	AD 1	417
CENTRAL STORES	PG	431
CHEMICAL ENGINEERING	N 117	317
CHEMISTRY, DEPT. OF	LE 200	486
CHEMISTRY CURATOR	LE 111	483
CHEMISTRY STOCK ROOM	LE 109	266
CITRICULTURIST-APICULTURIST, AGRICULTURAL EXTENSION SERVICE	NE 400	329
CIVIL ENGINEERING	EI 212	204
CIVIL ENGINEERING LABORATORY	B	409
CLINICAL SERVICES, FLORIDA CENTER OF	AD 339	526
COMPTROLLER, BUSINESS OFFICE	AD 2	220
CORRESPONDENCE STUDY BUREAU, GENERAL EXTENSION DIVISION	SE 906	233
COUNTY AGENT (Alachua County)	SE 101	(outside 5091)
COUNTY HOME DEMONSTRATION AGENT	SE	(outside 5071)
CURRICULUM LABORATORY, COLLEGE OF EDUCATION	YN 317	478

D

DAIRY BARN	Hague	(Alachua 2673)
DAIRY DIVISION, STATE DEPT. OF AGRIC.	SE 408	(outside 3732)
DAIRY HUSBANDRY, AGRICULTURAL EXPERIMENT STATION	DL	396
DAIRY PRODUCTS LABORATORY		339
DEAN OF MEN	AD 128	301
DEAN OF MEN, ASSISTANT	AD 128	302
DEAN OF STUDENT PERSONNEL	AD 128	257
DEAN OF UNIVERSITY	AD 233	469
DEAN OF WOMEN	AD 128	362
DEBATING	AD 354	426
DORMITORIES		
Buckman		246
Fletcher		246
Grove		695
Mallory		440
Murphree		246
North		295
Reid		681
Sledd		246
South		295

	LOCATION	PHONE NUMBER
Thomas		246
Tolbert		295
Weaver		295
Yulee		440
DUPLICATING DEPARTMENT	PG	561
DYNAMO LABORATORY	EI 220	309

E

ECONOMICS	D 103	631
EDITOR, AGRICULTURAL EXPERIMENT STATION AND EXTENSION SERVICE	HT 215	495
EDITOR, UNIVERSITY OF FLORIDA PRESS	LW	209
EDUCATION, COLLEGE OF		
Dean	YN 126	472
Elementary Education	YN 102	518
Secondary Education	YN 326	479
Educational Research & Publications	YN 314	502
Administration & Field Service	YN 130	471
Foundations of Education	YN 241	477
EDUCATIONAL LOAN CORPORATION	OJ 20	428
ELECTRICAL ENGINEERING	EI 336	309
ELECTRICAL MAINTENANCE	PG	431
ELECTRONICS LABORATORY	SE 1104	236
ELECTRONICS RESEARCH LABORATORY	EI 332	308
ENGINEER EXAMINERS, STATE BOARD OF	SE 702	(outside 4651)
ENGINEERING, COLLEGE OF		
Dean	EI 300	311
Assistant Dean	EI 300	311
ENGINEERING AND INDUSTRIAL EXPERIMENT STATION		
Director	EI 308	311
ENGINEERING MECHANICS	RE 409	416
ENGLISH	AN 110	306
ENTOMOLOGY, AGRICULTURAL EXPERIMENT STATION	NE 200	323
ENTOMOLOGY, COLLEGE OF AGRICULTURE	FL 308	218
EXAMINERS, BOARD OF UNIVERSITY	SE 405	235
EXPERIMENT STATION (See Agricultural or Engineering)		
EXTENSION DIVISION, GENERAL (See General Extension Division)		
EXTENSION SERVICE (See Agricultural)		

F

F CLUB	FG 305	
FARM, AGRICULTURAL EXPERIMENT STATION	Millard Station	(outside 6761)
FLAVET I, Manager	Apt. 12-D	581
FLAVET II, Manager	Apt. 101	(outside 5155)
FLAVET III, Manager Section 1	Apt. 241-A	583
FLAVET III, Manager Section 2	Apt. 230-D	508
FLAVET III, Manager Section 3	Apt. 203-D	513
FLORIDA EDUCATIONAL LOAN CORPORATION	OJ 20	428
FLORIDA GYMNASIUM		240
FLORIDA INSTITUTE OF ACCOUNTANTS	SE 705	(outside 5404)
FLORIDA PLAYERS	AD 342	346
FLORIDA UNION		212
FOREIGN LANGUAGES	AN 3-D	509
FORESTRY, AGRICULTURAL EXTENSION SERVICE	HT 305	334
FORESTRY, SCHOOL OF	HT 401	338
FRENCH	AN 111	576
FUMIGATION LABORATORY		568

G

GENERAL EXTENSION DIVISION		
Dean	SE 805	232

	LOCATION	PHONE NUMBER
Assistant Dean	SE 903	234
GEOGRAPHY	OF 6	579
GEOLOGY	RE 307	203
GERMAN	AN 3-B	576
GLEE CLUB	R 114	671
GREEK	AN 11	576
GRADUATE SCHOOL	AD 235	459
GREENHOUSE, AGRICULTURAL EXPERIMENT STATION (Soils)		415
GREENHOUSE, COLLEGE OF AGRICULTURE (Horticulture)		589
GROUNDS	PG 121	431
GYMNASIUM, FLORIDA	FG	240
GYMNASIUM, WOMEN'S	WG	393

H

HEATING PLANT		431
HERBARIUM, AGRICULTURAL EXPERIMENT STATION	HT 313	336
HISTORY	PE 104	388
HOME DEMONSTRATION AGENT	SE	(outside 5017)
HOME ECONOMICS, AGRICULTURAL EXPERIMENT STATION	NE 210	325
HORTICULTURE, AGRICULTURAL EXPERIMENT STATION	NE 300	327
HORTICULTURE GARDENS, AGRICULTURE, COLLEGE OF		589
HOUSING		
Director	MU	249
Assistant Director	MU	249
HYDRAULICS LABORATORY	RE	203

I

INDUSTRIAL ARTS EDUCATION	YN 300	357
INDUSTRIAL ENGINEERING	EI 313	370
INFIRMARY		371
INFORMATION DESK	AD	449
INSTITUTE OF INTER-AMERICAN AFFAIRS	FU 308	454
INTRAMURALS, OFFICE OF	FG 128	243
ITALIAN	AN 111	576

J

JOURNALISM, SCHOOL OF		
Director	K 201	597

L

LABORATORY SCHOOL, P. K. YONGE	YN 218	476
LANGUAGES, FOREIGN	AN 3-D	509
LATIN	AN 11	576
LAUNDRY	PG	521
LAW, COLLEGE OF		
Dean	LW 101	353
LAW REVIEW	LW 116	355
LIBRARIES		
Agricultural Experiment Station	HT 209	328
Architecture Book Room	E	591
Biology & Geology	LI	591
Chemistry-Pharmacy	LE 216	591
Education	YN 317	478
Engineering	E 166	591
Florida Union	FU 204	212
Forestry	HT 414	338
General Extension Division	SE 806	231
Law	LW 217	596
P. K. Yonge Laboratory School	YN 235	476
P. K. Yonge Library of Florida History	LI 1st Fl.	591
LIBRARY SCIENCE	LI 302	591

	LOCATION	PHONE NUMBER
LIBRARY, UNIVERSITY		
Library Office	LI 2nd Fl.	591
Director	LI Office	591
Assistant Director	LI Office	591
Catalog	LI 1st Fl.	594
Circulation	LI 1st Fl.	592
Humanities Room	LI 2nd Fl.	591
Microfilm	LI 4th Fl.	594
Map Room	LI 3rd Fl.	591
Order	LI 2nd Fl.	593
Reference	LI 1st Fl.	591
Reserve Desk	LI 2nd Fl.	591
Science and Technology Room	LI 3rd Fl.	591
Social Science Room	LI 2nd Fl.	591
University College Room	LI 1st Fl.	592
LIVESTOCK SPECIALIST, AGRICULTURAL EXTENSION SERVICE	HT 301	331
LOST & FOUND	AD 128	301
LYCEUM COUNCIL (Call Dean of Student Personnel)		

M

MACHINE SHOP, ENGINEERING	BA	420
MACHINE SHOP, ENGINEERING OFFICE	F	421
MAILROOM, CAMPUS	E 187	225
MAINTENANCE		
Construction	PG	431
Electrical	PG	431
Grounds	PG	431
Maintenance	PG	431
Transportation	PG	431
Wood Shop	PG	431
MATHEMATICS	WA 205	586
MECHANICAL ENGINEERING	EI 546	315
MILITARY SCIENCE & TACTICS, DIVISION OF	MI	481
MILK INSPECTION (See Dairy Division)		
MUSEUM, FLORIDA STATE	SE 103	(outside 3916)
MUSIC, DIVISION OF	R 104	671

N

NATIONAL BUREAU OF STANDARDS LABORATORY		
Engineering and Industrial Experiment Station	SE 1104	236
NAVAL STORES MECHANIZATION LABORATORY		
Engineering and Industrial Experiment Station	BA 106	319
NAVAL STORES RESEARCH, COLLEGE OF ARTS & SCIENCES	LE 340	630
NAVAL STORES RESEARCH LABORATORY	LE 330	489
NEWS BUREAU	AD 138	288
NON-METALLIC MINERALS LABORATORY		
Engineering and Industrial Experiment Station	BA 106	319
NUTRITION LABORATORY, Agricultural Experiment Station	N of RA	340

O

ORANGE & BLUE BULLETIN	AD	449
ORCHESTRA	R 133	671
ORGANIZATIONS ADVISOR, Office of Dean of Student Personnel	AD 128	301

P

P. K. YONGE, Cafeteria	YN Base	382
Custodian	YN 51	474
Laboratory School	YN 230	476
PARASITE LABORATORY		342

	LOCATION	PHONE NUMBER
PAYROLL	AD 102	221
PERSONNEL OFFICE, NON-ACADEMIC	AD 102	352
PHARMACEUTICAL CHEMISTRY	LE 320	488
PHARMACOGNOSY & PHARMACOLOGY	LE 446	603
PHARMACY, COLLEGE OF	LE 320	488
PHARMACY CURATOR	LE 322.1	542
PHARMACY	LE 302	368
PHILOSOPHY	AN 107	587
PHOTOGRAPHIC DEPARTMENT	L	402
PHYSICAL EDUCATION, HEALTH & ATHLETICS, COLLEGE OF		
Dean	FG 202	241
Intramurals and Recreation	FG 128	243
Professional Curriculum	FG 302	245
Required Physical Education	FG 134	244
Women's Physical Education	FG 306	532
PHYSICS	BN 101	310
PLACEMENT SERVICE, BUSINESS ADMINISTRATION, COLLEGE OF	AN 200	303
PLACEMENT SERVICE, TEACHERS, COLLEGE OF EDUCATION	YN 120	473
PLANT BOARD, STATE	SE 507	(outside 3903)
PLANT PATHOLOGY	NE 102	322
POST OFFICE, UNIVERSITY STATION	SS	(outside 4981)
POLITICAL SCIENCE	PE 105	646
PORTUGUESE	AN 8	576
POULTRY DISEASE LABORATORY		403
POULTRY HUSBANDRY	PO	564
PRESIDENT'S OFFICE	AD 226	455
PRESIDENT OF STUDENT BODY	FU	458
PSYCHOLOGY	AD 308	345
PSYCHOLOGY LABORATORY	E 101	337
PUBLICITY		
News Bureau	AD 138	288
Sports Publicity	FG 5	556
PUBLIC RELATIONS	AD 228	397
PURCHASING AGENT, BUSINESS OFFICE	AD 102	464

R

RADIO STATION		
Director	RA	467
Operator's Room	RA	468
READING LABORATORY & CLINIC	AN 310	379
REAL ESTATE	D 201	578
REGISTRAR	AD 133	226
RELIGION	FU 207	453
RESIDENCE, DIRECTOR OF (See Housing)		
ROTC (See Military)		
RUSSIAN	AN 3-D	509

S

SANITARY RESEARCH LABORATORY		503
SCHOOL ART	YN 126	472
SOCIAL SCIENCE	PE 110	654
SCHOOL SERVICE DIVISION, COLLEGE OF EDUCATION	YN 128	471
SEAGLE BUILDING CUSTODIAN	SE	351
SEMINOLE OFFICE	FU 7	210
SEWAGE DISPOSAL PLANT		431
SOCIOLOGY AND ANTHROPOLOGY	PE 310	487
SOILS	NE 106	567
SOILS CONSERVATIONIST, AGRICULTURAL EXTENSION SERVICE	HT 305	334
SOILS GREENHOUSE		415
SPANISH	AN 8	576
SPEECH	AD 341	346

	LOCATION	PHONE NUMBER
SPEECH & HEARING CLINIC	AD 323	347
SPORTS PUBLICITY	FG 5	556
STATE BOARD OF ENGINEER EXAMINERS	SE 702	(outside 4651)
STATE DEPARTMENT AGRICULTURE, DAIRY DIVISION	SE 408	(outside 3732)
STATE DEPARTMENT, EDUCATION, VOCATIONAL REHABILITATION	SE 704	(outside 3621)
STATE PLANT BOARD	SE 507	(outside 3903)
STATISTICAL LABORATORY	LI 421	
STUDENT BODY PRESIDENT	FU	458
STUDENT PERSONNEL, DEAN OF	AD 128	257
STUDENT PERSONNEL RECORDS	AD 124	259
STUDENT SERVICE CENTER		
Fountain and Grill		207
Bookstore, University		665

T

TEACHER PLACEMENT BUREAU	YN 120	473
TICKET SALES, ATHLETIC	FG 201	240
TUNG LABORATORY	HT Grounds	(outside 3906)
TRANSPORTATION	PG 107	431

U

UNITED STATES		
Tung Investigation Laboratory	HT Grounds	(outside 3906)
Fish & Wild Life Service	HT Grounds	565
Rat Control Research Laboratory	HT Grounds	565
UNITED STATES DEPARTMENT OF AGRICULTURE		
Production & Marketing Administration	SE Annex	237
UNIVERSITY BOOKSTORE	SS	665
UNIVERSITY COLLEGE		
Dean	AD 204	300
UNIVERSITY EXAMINER	SE 405	235
UNIVERSITY OF FLORIDA PRESS	LW 5th Fl.	209
UNIVERSITY LIBRARY (See Library)		

V

VEGETABLE PRODUCTS LABORATORY		566
VEGETABLE PRODUCTS REFRIGERATION PLANT		566
VETERANS ADMINISTRATION	SE 10th Fl.	(outside 8691)
VETERANS COUNSELOR	AD 128	302
VETERANS GUIDANCE CENTER	SE 10th Fl.	239
VETERINARY SCIENCE	PL	403
VOCATIONAL REHABILITATION, STATE DEPT. OF	SE 704	(outside 3621)

W

WAUBERG, CAMP		(Micanopy 2484)
WESTERN UNION, SUBSTATION	FU	422
WOOD PRODUCTS LABORATORY		562

UNIVERSITY OF FLORIDA

DIRECTORY OF FACULTY AND EMPLOYEES

EXPLANATION: Surnames printed in capital letters are those of persons who are not members of the regular University staff, but who are located in University buildings. The information is given in the following order: name, position, campus address, campus telephone number, home address and home telephone number.

A

ABBOTT, Mrs. Elizabeth V. - Clerk-Typist, USDA-PMA - SE Annex 237
111 NW 2nd Ave

Abbott, Mrs. Ouida D. - Hd, Home Econ, Ag Exper Sta - NE 203 325
311 E University Ave - 5698

Adams, Frank T. - Asst Prof, Gen Exten Div - SE 707 520
611 NW 10th Ave - 9567

Adams, Jay Ernest - Tech, Eng Exper Sta - SE 1104 236
928 NW 16th Ave

Adams, Tom - Field Asst, Agronomy, Ag Exper Sta Farm ..... (outside 6761)
Rt 4, Box 53, Archer Rd - 5719

Adicks, Mrs. Evelyn D. - Jr Secy, College of Education - YN 314 502
112 NW 20th St

Albaugh, Miss Virginia M. - Gen Duty Nurse - IN 371
Infirmary, Nurse's Home - Ext 371

Albertson, Miss Rachel - Editor, Eng Exper Sta - EI 309 307
114 NE 10th St - 3935

Aldridge, Mrs. Norma V. - Sr Steno, Graduate Studies, Ed - YN 120 473
96-Z, Flavet 1

Alderman, Mrs. Claranelle T. - Acct, Exten Serv and Exper Sta - HT 123 .. 494
Melrose, Florida

Alexander, Miss Ila M. - Supt of Nurses - IN 371
Infirmary, Nurses' Home - Ext 371

Alexander, Virgil W. - Asst Prof, Education - YN 210 620
1008 NE 7th Place

Allee, Warder C. - Hd Prof of Biology - LE 114 275
1080 SW 11th Terrace - 4815

Alleger, Daniel E. - Assoc Ag Economist, Ag Exper Sta - OD 445
1140 NE 4th St - 6712

Allen, Mrs. Ethel R. - Chief Clerk, Gen Exten Div - SE 904 234
1018 NW 10th Ave - 6268

Allen, Gilbert M., Jr. - Buyer, Purchasing - AD 102 464
Lake Serena, Melrose, Fla - Keystone Heights 2293

Allen, Mrs. Jean H. - Jr Steno, Vet Guidance Center - SE 1004 239
1702 W University Ave - 3012

Allen, John S. - Vice President of the University - AD 226 455
2217 NW 5th Place - 9864

Allen, Mrs. Maebelle B. - Teller, Cashier's Office - AD 1 417
1306 NE 7th Ave
Allen, Miss Shirley - Clerk, Bookstore - SS 665
209 Boulevard
Alligood, Edgar R. - Chief Clerk, Gen Exten Div - SE 906 233
1010 NE 7th Place - 4554
Alstein, Miss Mary L. - Asst Dietitian, Food Service - CA 661
Dietitian's House
Ames, B. W. - Dir, Non-Academic Personnel - AD 102 352
1406 NW 8th St - 5996
ANCHORS, Mrs. Nathalie B. - Supt, Post Office - Univ Sta ..... (outside 4981)
Archer Rd
Anders, Mrs. Audrey T. - Jr Clerk, Comptroller's Office - AD 1 417
326 SW 4th Ave
Anders, Carl - Painter, Maintenance - MS 431
Starke, Florida
Anders, Miss Juanita J. - Jr Steno, Arch & Allied Arts - E 119 505
Starke, Florida
Anderson, Carl A. - Asst Prof in Accounting - A 571
639 E University Ave
Anderson, Chris W. - Assoc Plant Pathologist - S 276
18A Stengel Field
Anderson, Cyrus E. - Asst Prof of Education - YN 145 263
1807 NW 7th Place - 7805
Anderson, Edward A. - Instr in Art - C 104 448
312 NE 10th St
Anderson, John D. - Instr in Economics - D 122 277
740 NW 20th St - 5852
Anderson, Montgomery D. - Prof of Bus Statistics & Econ - PE 3 348
431 NE 9th Ave - 5014
Anderson, Richard J. - Asst Prof, Psychology - AD 313 345
1203 NW 12th Ave - 5080
Anderson, William J. - Interim Instr, Physical Sciences - BN 202 377
Little Gandy - 4977
Andreu, Mrs. Mary N. - Lib Asst, Biology Library - LI 591
235-A, Flavet III
Andrews, Wayne A. - Supervisor of Janitors, Janitorial Dept - AD 15 531
214 NW 4th Ave - 4626
Annis, Mrs. Mattie M. - Clerk, Bookstore - SS 665
212 Annis Blvd - 7734
Anspach, Harry S. - M/Sgt; Instr, Freshmen, Military - MI 482
RFD 3 Hill St
Aratowsky, Bernard - Instr in Foreign Languages - AN 11 576
914-A SW 7th Ave
Arnett, William T. - Dean, Architecture & Allied Arts - E 119 505
2105 NW 3rd Place - 5490
Arnette, James H. - Instr in Ag Eng, Agriculture - OH 26 216
703 NW 35th Ave - 8526
Arnold, Miss Lillian E. - Asst Botanist, Ag Exper Sta HT 313 336
Palm Terrace - 7446

Arnold, P. T. Dix - Asst Dairy Husbandman, Ag Exper Sta - DL 103 396
2146 NW 5th Ave - 3159

Atchley, Mell H. - Asst Prof, Sociology - PE 303 487
1627 NW 12th St - 7018

Austin, Mrs. Eva H. - Tech, Eng Exper Sta - SE 1104 236
215-D Flavet III

Austin, Mrs. Peggy Lee - Jr Steno, Sociology - PE 306 487
108 NW Third Ave - 5767

Ayres, Miss C. Irene - Sr Steno, Ag Exten Serv - HT 307-A 332
1628 NW 4th Ave

B

Bachman, Harold B. - Prof of Music and Dir of Bands - R 138 671
1246 SW 9th Rd - 5098

Bailey, Mrs. Bessie M. - Second Floor Supervisor - IN 371
242-B, Flavet III

Bailey, Elva E. - Tech, Mechanics - RE 100 416
Rt 4, Box 257

Bailey, Mrs. Lois V. - Bkkpr, Central Stores - PG 431
209-B, Flavet III

Baker, Miss Elizabeth - Jr Secy, Museum - SE 103 ..... (outside 3916)
727 E University Ave - 8198

Baker, Miss Madge F. - Exec Secy, Personnel Office - AD 102 400
1117 SW 3rd Ave

Ball, Ernest A. - T/Sgt; Adm. Asst, Military - MI 613
Pine Haven

Ball, Mrs. Marguerite T. - Sr Steno, Education Library - YN 317 478
17-F Flavet I

Bamberger, Miss Florence - Visiting Prof of Education - YN 233 477
Hotel Thomas - 9501

Banister, Ceree - Asst Custodian of Equip, Intercollegiate Ath - FG 541
2559 Sunkist St

Banister, John R. - Specialist in Lib Serv, Gen Exten Div - SE 707 520
615 NE 9th Ave - 4759

Barfield, Walter D. - Lib Asst, Chemistry Lib - LE 216 591
520 NE 6th St - 7992

Baringer, William E. - Prof of Social Sciences - PE 110 654
1219 NW 10th Ave - 5082

BARNES, Julia H. - Principal Clerk, County Agent's Off -
SE 101 ..... (outside 5091)
228-R, Flavet III

Barnes, Ray C. - Field Asst, Marketing, Ag Exper Sta - HT 312 335
1327 NW 7th Ave

Barney, John M. - Asst in Res, Eng Exper Sta, EI 332 308
815 NE 10th St

Barrett, Mrs. Anna K. - Clerk, Bookstore - SS 665
1055 NE 10th Ave

BARROWS, Harold L. - Jr Chemist, Tung Investigations, USDA -
TL ..... (outside 3906)
1717 NE 8th St

Bartlett, George R. - Prof of Philosophy - AN 107 387
2018 NW 3rd Ave - 7666

Bartley, Ernest R. - Asst Prof of Hist & Political Sc -PE 210 646
1607 NW 8th Ave - 8006

Bartley, Rogers L. - Admin Mgr, Ag Exten Serv - HT 111 491
1628 NW 6th Ave - 8094

Barton, Miss Martha Browning - Curator, Arch & Allied Arts - E 160 604
206-D NW 17th St - 6571

BASHAW, Charles A. - Letter Carrier, Post Office, Univ Sta ....(outside 4981)
112 NW 3rd Ave - 6996

Bass, G. W. - Univ Police, Plant & Grounds - PG 431
Oak Hill Sub-Division - 3750

Bass, Marvin J. - Library Custodian, Janitorial - AD 15 531
Newberry, Florida Box 23 - 2692

Bates, Mrs. Bebe J. - Statistical Clerk, Ag Exper Sta - HT 312 335
615 SW 12th St - 6889

Bates, Mrs. Phyllis Lee - Sr Steno, Ag Exper Sta - PL 403
57-P, Flavet I

Bates, Walter E. - Steamfitter Foreman, Heating Plant - HP 431
1608 NW 2nd Ave - 4736

Batte, Edward Guy - Assoc Prof of Vet Science, Ag Exper Sta -
Animal Parasite Lab 342
1126 NW 8th St - 4058

Battista, Julius B. - Asst Freshman Coach, Intercollegiate Ath -
FG 232 242
116 NW 20th Drive - 6042

Bau, Daniel T. - Instr in Architecture - E 124 505
Rt 5, Box 22

Baughan, Denver E. - Assoc Prof of English - AN 315..... 580
560 NE 6th Ave - 6600

Baughman, George F. - Business Manager - AD 102 461
2105 NW 7th Place - 5892

Bauler, Mrs. Sammie R. - Chief Tabulating Clerk, Registrar - AD 29..... 226
256-U, Flavet III

Bault, Roger Q. - Asst Prof of Physical Sciences - BN 202 377
Stengel Field

Baxter, Mrs. Ruth H. - Library Asst - LI 591
214 NE 5th Ave - 5330

BEACH, Benjamin S. - Contact Representative, VA -
SE 10th Fl .....(outside 8671)

Beal, Miss B. Mae - Exec Secy, Ag Exper Sta - HT 109 492
111 NW 2nd St - 3753

Beal, John W. - Shop Foreman, Eng Exper Sta - F 104 421
107 NE 7th St - 9802

Beal, Mrs. Rubye M. - Jr Steno, Ag Exper Sta - NE 204 282
906 NW 42nd Ave

Beal, Mrs. Vietta A. - Circulation Asst, Ag Library - HT 209 328
242-U, Flavet III

Beale, Clyde K. - Assoc Editor, Ag Exper Sta & Exten Serv - HT 215 495
Palm Terrace, Box 2346, Univ Sta - 4937
Beard, Percy M. - Assoc Prof & Hd Track Coach, Intercollegiate Ath -
FG 201 240
1200 NW 22nd St - 5507
Beaty, Robert C. - Dean of Men, Student Personnel - AD 128 301
108 NW 21st Terrace - 7062
Beazlie, George N. - Lineman, Electrical Maintenance - MS 432
PO Box 2275, Univ Sta - 3338
BEAZLIE, R. H. - Inspector, Architect to Board of Control - E 343
1150 Oak Park Ave; PO Box 2275, Univ Sta
Beckenbach, J. R. - Assoc Dir, Ag Exper Sta - HT 109 492
1027 SW 7th Ave - 4555
Becker, Charles H. - Assoc Prof of Pharmacy - LE 328 267
207 SE 6th St - 3511
Becker, Raymond B. - Prof of Dairy Industry, Agriculture - DL 202 396
Rt 5, Box 25-A, Hibiscus Park - 5657
Beckham, Dewey W. - Brick Mason, Ag Exper Sta - HT Annex 498
Rt 2, Box 89, Hawthorne, Florida
Beckham, Lonnie O. - Carpenter, Ag Exper Sta - HT Annex 498
Hawthorne, Florida
Beckwith, Stephen L. - Asst Prof of Forestry - K 209 .....
2144 NW 10th St - 5570
Beecher, Alvah A. - Dir of Music - R 106 671
1744 NW 5th Ave - 3728
Beers, Miss Katherine A. - Payroll Clerk, Plant & Grounds - PG 431
Rt 3, Box 284-A - 3768
Beisler, Walter H. - Hd Prof of Chemical Eng - N 118 317
1036 NW 4th Ave - 5007
Bell, E. N. - Maintenance Supt, Maintenance - PG 431
1028 NE 13th St - 6079
BELL, Rolland O. - Admin Asst, USDA-PMA, Ag Exten Serv -
SE Annex 237
PO Box 207, Green Cove Springs, Florida - 6531
Bellew, W. I. - Custodian, Fields & Bldgs, Phys Ed - FG 18 240
Rt 2, Box 22, Hawthorne, Fla
Below, Charles C. - Asst County Agent, Ag Exten Serv -
SE 101 ..... (outside 5091)
1309 NW 7th St - 6798
Benck, Mrs. Roselyn R. - Sr Typist, Auditor's Off - AD 102 256
PO Box 607
Bennett, English A., Sr. - Steam Fitter, Central Heating - HP 431
Archer Rd - 7060
Bentley, George R. - Assoc Prof of Logic and Student Councellor -
AD 204 300
1227 SW 4th Ave
BENTON, Felix - Chief Draftsman, Architect to the Bd of Control - E 343
721 NE 3rd St
Benton, John G. - Night Watchman, Grounds - PG 431
N 13th St - 7555

Bergen, Tallmadge - Asst Ag Economist, Ag Exper Sta - OD 15 445
c/o Dr. G. J. Stout, 2127 NW 7th Place - 4786

Bergengren, Roy F., Jr. - Interim Instr, Ind Arts, Edu - YN 302 ..... 35[illegible]
2136 NW 9th Ave - 4890

Berman, Mrs. Rivian W. - Jr Clerk-Typist, Registrar - AD 33 ..... [illegible]
216-C, Flavet III

Berner, Lewis - Asst Prof of Biological Sciences - O 575
Hibiscus Park - 8440

Berry, Charles V. - Asst Purchasing Dir - SS 664
308 NE 1st St

Bielby, Mrs. Bernadine H. - Sr Steno, Chemistry - LE 200 486
242-C, Flavet III, Univ Sta

Biggin, Beverly B. - Architect, Plant & Grounds - AD 306 363
624 SW 10th St - 4725

Bigham, T. C. - Prof of Economics - AN 204 303
2039 NW 3rd Ave - 4471

Billington, Miss Brooks D. - Jr Secy, Soils, Ag Exper Sta - NE 106 567
Rt 4, Box 41 - 7084

Bingham, N. Eldred - Prof of Education - YN 330 479
526 NE 7th St - 8313

Bishop, Guy D. - Plumber, Housing - MU Basement 451
Rt 4, Box 187

Bishop, John W. - Supervisor, Heating Plant - HP 431
Stengel Field; Box 2812, Univ Sta - 5510

Black, Alvin P. - Hd Prof of Chemistry - LE 200 486
544 NE 10th Ave - 6263

Black, John H. - Asst Prof of Education - YN 240 477
1014 NW 13th Ave - 8044

Black, Kenneth L. - Assoc Prof, Law - LW 212 353
1009 NW 21st Terrace - 5445

Blackmon, Gulie, H. - Horticulturist & Hd of Dept, Ag Exper Sta -
NE 305 327
214 NE 7th Ave - 6963

Blackwell, Willie F. - Steam Fitter Helper, Heating Plant - HP 431
Rt 3, Box 80-AA

Blake, Robert George - Asst Prof of Mathematics - PE 9 587
Rt 5, Box 25, Hibiscus Park - 4864

Blalock, Lewis F. - Assoc Registrar & Dir of Admissions - AD 135 226
1922 NW 7th Lane - 4103

Blanton, Lawton, W. - Asst Prof of Mathematics - AD 204 300
1721 NW 10th Ave - 9877

Blaze, R. W. - Foreman, Electrician, Maintenance - MS 431
1243 NW 30th Ave

Bleasdale, Harry C., Jr. - Apprentice Electrician, Maintenance - MS 431
Rt 3, Box 74 1/8

Bledsoe, Roger W. - Agronomist, Ag Exper Sta - NE Basement 320
Jackson Ave - 6849

Bless, Arthur Aaron - Prof of Physics - BN 101 310
222 SW 10th St - 8310

Bliss, Mrs. Joyce - Jr Typist, Music - R 140 627
219-R, Flavet III

Blitch, Aaron F. - Carpenter, Ag Exper Sta - HT Annex 498
Rt 2, Box 183-A - 5437
Block, Herman H. - Asst Prof of Architecture - E 115 384
1100 NW 16th St, Rt 5 - 5744
Block, Seymour S. - Assoc Prof, Chemical, Eng Exper Sta - N 208 317
629 SW 9th St - 8194
Blodgett, Ralph H. - Prof of Economics - D 107 631
930 NW 21st Terrace - 9574
Bloodworth, Miss Bertha E. - Exam Editor, Bd of Exam - SE 405 235
304 NW 1st Ave - 3038
Bloomfield, Mrs. Willie K. - Ref Asst, Library - LI 591
2022 NW 7th Lane - 7875
Blount, Mrs. Mary M. - Key Punch Operator, Comptroller's Off - AD 23 272
626 SE 2nd Place
Blount, Robert G. - Lab Asst, Ag Exper Sta - NE Annex 567
Rt 2, Box 180-D (Harper Sub-Division)
Blue, William G. - Asst Biochemist, Soils, Ag Exper Sta - NE 110-B 567
1027 SW 2nd Place
Board, Mrs. Virginia V. - Sr Steno, Florida Union - FU 212
37-K, Flavet I
Bochiardy, Mrs. Barbara S. - Microfilm Clerk, Comptroller's Off - AD 2 577
Ideal Trailer Park, Rt 1, Box 26-A - 9297
Bode, Boyd H. - Lecturer in Education - YN 326 479
Briarcliff Drive, Golfview - 7640
Boggs, J. Palmer - Asst Prof of Architecture - E 111 384
412 W University Ave
Boggs, Otis P. - Chief Annoucer, WRUF - RA 467
937 NE 8th Ave - 8726
Boldt, A. W. - Asst Dean of Men, Student Personnel - AD 128 302
1032 SW 11th Ave - 4534
Bolick, Ralph E., Jr. - Teacher, P. K. Yonge - YN Gym 474
2038 W University Ave - 7997
Bolles, Robert S. - Assoc Prof of Music - R 108 671
915 NW 14th Ave - 3498
Bond, George T. - Mgr, Duplicating - PG 561
747 NW 2nd St
Boney, Miss Katherine M. - Asst Chemist, Ag Exper Sta - NL 340
1210 NW 4th Place - 3472
Bonnell, Monroe J. - Electrician, Maintenance - MS 431
Box 94, Rt 1, Alachua, Fla
Boomsliter, George P. - Lecturer in Eng Mechanics - RE 409 416
203 NW 20th Terrace - 7762
Boone, Mrs. Dolores - Jr Secy, Eng - Admin - EI 300 311
226-R, Flavet III
Boone, Mrs. Lalia P. - Interim Instr in English - AN 207 305
2027 NW 7th Lane - 4309
Booth, Counts - Hd Plumber, Maintenance - MS 431
Rt 2, Kirkwood - 4984
Borrell, Edward H. - Instr in Architecture - U 105 330
704 NW 34th Ave

Boswell, Earl F. - Tech, Eng Exper Sta - BA 102 420
Rt 1, Micanopy, Fla
Boswell, James H. - Assoc Prof, Phys Ed - FG 304 245
806 NW 21st Terrace - 6164
Bourke, Norman - Prof of Mechanical Eng - EI 523 314
Poinsetta St - 4523
Bourlay, Mrs. Mavis J. - Bkkpr, Comptroller's Off - AD 2 253
246-B, Flavet III
Boutelle, Mrs. Margaret White - Instr in Education - YN 327 479
205 NE 3rd St - 7866
BOWEN, Ernest T. H. - Draftsman, Architect to the Bd of Control - E 343
Rt 5, Glen Springs Rd
Bowen, Frances, J. - Instr in Chemistry - LE 158 485
223 Annis Blvd - 3962
Bowers, Robert H. - Assoc Prof of English - AN 207 305
610 NW 9th Ave - 7735
Bowers, William M. - Bakeshop Supervisor - CA 205
RFD
Bowman, Miss Hazel L. - Asst Prof, Gen Exten Div - SE 805 232
Rt 5, Hibiscus Park - 8728
Boyd, Clifford A. - Interim Asst Prof of Phys Ed - FG 303 245
1135 SW 9th Ave - 5737
Boyer, Mrs. Sara U. - Sr Secy, Registrar - AD 135 226
214 NE 6th St - 8832
BOYLES, Eugene H. - Admin Asst, USDA-PMA - SE Annex 237
1029 NE 14th Ave - 8829
Bracken, Andrew J., Sr. - Plant Supervisor, Housing - MU Basement 451
942 NE 7th Place - 7904
Bracken, Andrew J, Jr. - Instr in Req Phys Ed - FG 305 532
1730 NW 2nd Ave - 5087
Bradburn, Miss Betty J. - X-Ray Tech - IN 371
Nurses' Home
Bradbury, Robert W. - Assoc Prof of Economics - D 109 631
2036 NW 7th Place - 7918
Braddy, Miss Vauncille Lillian - Teacher, P K Yonge - YN 310 502
1104 SW 7th Ave
BRADLEY, Ramon A. - IBM Representative - AD 29 226
c/o Dr. Kirkland in Kirkwood - 8122
Bradshaw, Philip - Instr in English - AN 207 305
Archer Rd - 3366
Brady, Miss Marna V. - Dean of Women - AD 128 362
1823 NW 5th Ave, Apt 12 - 6177
Branch, Mrs. Dorothy J. - Sr Clerk-Typist, Law - LW 101 353
Rt 2 Box 278 - 6033
Brand, Michael - Instr in Economics - D 202 389
Micanopy, Fla - 2541
Brannon, Mrs. Alleen F. - Sr Secy, Education - YN 218 476
Little Gandy; Box 2771, Univ Sta - 7280
Bransford, Thomas L. - Asst Prof of Civil Eng - EI 210 203
1536 NW 7th Ave - 7453

Bratley, Homer E. - Asst Entomologist, Ag Exper Sta - NE 201 323
Rt 3, Box 95-A - 9838
Braun, Miss Margaret K. - General Duty Nurse - IN 371
Infirmary, Nurses' Home - 9056
Breese, William E. - Asst Prof of Marketing - D 119 277
3221 NW 6th St - 7217
Breidenbach, Mrs. Jeanne B. - Jr Secy, Accounting - A 10 571
2234 W University Ave - 8069
Brenner, Mrs. Kathleen A. - Jr Steno, Electrical Eng - EI 336 309
327-B, Flavet III
Brewer, Judson T. - Tech, Electrical Eng - EI 234 309
23 SW 7th St - 3417
Bridges, Mrs. Ruth L. - Sr Secy, Univ College - AD 204 300
1211 SW 4th Ave - 6630
Brinn, Mrs. Kathryne M. - Jr. Secy, Housing - MU 246
229-T, Flavet III
Bristol, Loris R. - Asst Prof of Education, Counseling Placement and
Graduate Studies - YN 202 620
114 NW 14th St - 3522
Brodkorb, Pierce - Assoc Prof of Biological Sciences - M 573
1603 NW 7th Place - 8159
Brogden, W. A. - Night Watchman, Grounds - PG 431
1313 NW 3rd Ave
Brohm, Henry D. - Prof of Marketing - D 106 584
515 Briarcliff Drive - 5820
Bromilow, Frank - Assoc Prof of Civil Eng - EI 211 203
1632 NW 7th Place - 7708
Brooke, Donald L. - Assoc Ag Economist, Ag Exper Sta - HT 311 333
1627 NW 6th Ave - 7906
Brooker, Marvin A. - Prof of Ag Economics - FL 103 507
2244 NW 6th Place - 8785
BROOKS, Andrew J., Jr. - Training officer, VA - SE 10th Fl ... (outside 8691)

Brooks, Mrs. Doris A. - Key Punch Operator, Comptroller's Off - AD 23 272
819 NE 8th Ave
Brooks, J.H., III - Asst Prof, Horticulture - OG 286
Hill Crest Ave; Box 2335, Univ Sta
Brown, Albert E. - Instr in Pharmacology - LE 446 603
109 NE 8th St
BROWN, Arthur C. - Plant Commissioner, State Plant Bd -
SE 507 ..... (outside 3903)
Hibiscus Park, Rt 2 - 3635
Brown, Edward M. - Vocational Appraiser, Vet Guidance Center -
SE 1004 239
Hibiscus Park - 3635
Brown, Eugene - Interim Instr in Chemistry - LE 120 483
Archer Rd - 3302
Brown, Howard M. - Tech, Aeronautical Eng, Eng Exper Sta - N 120 316
Little Gandy - 5440
Brown, Mrs. Nancy T. - Jr Steno, Chemical Eng - N 117 317
1510 NW 3rd Ave

Brown, Richard D. - Prof of Music - YN 671
1902 NW 1st Ave - 5516
Brown, Wilson F. - Interim Prof of Chemical Eng, Eng Exper Sta - N 201 ... 317
1823 NW 5th Ave, Apt 6
Brown, Woodrow W. - State Boys' 4-H Club Agent, Ag Exten Serv -
HT 303 334
1066 SW 11th Terrace
Browne, Mrs. Eleanor B. - Prof of Education - YN 326 479
Briarcliff Drive, Golfview - 7640
Browning, C. M. - Labor Foreman, Maintenance - PG 431
315 NW 1st St - 3877
BROWNLEE, John I., Jr. - Trng. Officer-in-charge, VA -
SE 10th Fl ..... (outside 8691)

Brownsteen, Sewell S. - Production Mgr, WRUF - RA 467
535 NE 9th Ave - 4645
Broyles, Frank - Backfield Coach, Intercollegiate Ath - FG 227 242
1815 NW 7th Place - 3474
Brunet, Joseph - Hd of Foreign Languages - AN 3-C 509
1221 NW 4th Ave - 7126
Brunson, Mrs. Margaret M. - Bkkpr, Comptroller's Off - AD 2 253
514 NE 6th St - 8816
BRUSH, Vera C. - Clerk-Steno, USDA-PMA - SE Annex 238
2120 NW 10th St - 8305
Brush, Warren D. - Instr in Forestry - K 214 .....
2120 NW 10th St - 8305
Bruton, Robert E. - Mgr, Flavet III, Section 3, Housing 513
203-D, Flavet III
Bryan, Mrs. Geraldine - Teacher, P K Yonge - YN Art..... 474
231-A, Flavet III
Bryan, Mrs. Patricia - Jr Clerk, Registrar's Off - AD 33 226
Rt 1, Micanopy, Fla
BRYAN, Miss Pauline - Secy, State Plant Bd - SE 504 ..... (outside 3903)
400 NE 13th Ave - 8196
Bryant, Frederick D. - Cataloger, Library - LI 401 591
532 Blvd - 6332
Buckhannan, Mrs. Margaret B. - School Nurse, P K Yonge - YN 114 475
Valley Rd, Golfview - 6368
Buehler, Walter - Consultant, Forestry - HT 402 338
Rt 1, Box 911, Lakeland, Fla - 28951
Bugg, Sterling L. - Asst Prof of Engineering - EI 106 203
621 SW 10th St - 7658
Bullen, Kenneth S. - Horticultural Foreman, Agriculture - GH 589
Rt 4, Box 27
BULLEN, Ripley P. - Asst Archaeologist, Fla Park Serv -
SE 103 ..... (outside 8731)
1014 NW 15th Ave - 7388
BULLETT, Mrs. Naomi P. - Steno-File Clerk, State Plant Bd -
SE 505 ..... (outside 3903)
RFD 3, Box 92-C - 4048

Bunting, Donald C. - Asst Prof of Physical Sciences & Electrical Eng - EI 332 308
206 NE 3rd St - 4763

Burdge, John Milton, Jr. - Col; Chief, FA Branch - MI 482
3615 NW 5th St - 8297

Burger, Ernest E. - Custodian P K Yonge, Janitorial - YN 474
Hawthorne, Fla - 2551

Burgess, Jesse W. - Herdsman, Ag Exper Sta, Beef Unit ..... (outside 6761)
Rt 3, Box 79-B

Burgess, Raymond H. - Field Asst, Agronomy, Ag Exper Sta - Station Farm ..... (outside 6761)
2225 NW 8th Court - 8782

Burgkart, Mrs. Claudia V. - Sr Steno, Registrar's Off - AD 33 226
247-T, Flavet III

Burnett, Mrs. Majorie R. - Teller, Cashier's Off - AD 1 417
244-U, Flavet III

BURNEY, Harold W. - Asst Res Eng, Eng Exper Sta - BA 106 419
1234 NW 11th Ave - 6230

Burrus, John N. - Interim Asst Prof of Sociology - PE 300 487
1013 SW 2nd Ave - 7352

Busby, Joe N. - Asst State Boys' 4-H Club Agent, Ag Exten Serv - HT 303 334
Forest Park, Rt 3, Box 285-J - 5377

Busciglio, Dominic - Tech, Eng - SL 503
1538 NW 4th Ave

Bushong, Charles C. - Asst Prof, Gen Exten Div - SE 707 520
1906 W University Ave - 3012

Bussell, William H., Jr. - Asst in Res, Eng Exper Sta - BA 104 421
421 N Main St

Butler, George B. - Asst Prof of Chemistry - LE 232 389
1722 NW 11th Rd - 6418

Buzbee, Elmer L. - Steamfitter - HP 431
Rt 3, Box 63-D-1

Byers, Charles F. - Prof of Biology; Hd Prof of Biological Sciences - I 211 573
1226 NW 4th Ave - 6846

Byrd, Miss Jean Marie - Sr Steno, Pharmacy - LE 318 429
121 SE 3rd St - 7314

C

Calaway, Wilson T. - Asst Prof of Civil Eng - SL 503
300 NW 6th St - 7716

Caldwell, Robert E. - Asst Prof of Soils - FL 202.4 217
1120 NW 7th Lane

Calhoun, Mrs. Eunice Z. - Teacher, P K Yonge - YN 224 476
221 Annis Blvd - 8939

Calkins, James H. - Bldg Supt - FU 367
741 SW 2nd Ave

Callander, William F. - Interim Dir of Bur of Statistics; Visiting lecturer - LI 421 .....
205 NE 6th Ave - 3168

Calohan, Carl E. - Instr in Economics - D 122 277
730 NE 10th Place - 6775

Cambel, Perihan - Res Assoc Prof, Cancer Res Lab - CR 395
1222 SW 4th Ave - 4800

Cameron, Miss Bobbie L. - Book-Clerk, Bookstore - SS 665
1102 NW 4th St - 7863

Cameron, Mrs. Edith M. - Assoc Prof & Hd, Dept of Women's Activities - Gen Exten Div - SE 805 232
Bivens Arm

Cameron, James E. - Field Asst, Horticulture, Ag Exper Sta - Fumigation Lab 568
712 N Main St - 3643

Cameron, Mrs. Violet B. - Steno, Psychology - AD 308 345
814 NE 8th Ave - 6248

Camp, Louie Thomas - Instr in Education - YN 118-A 264
Rt 4, Hibiscus Park

Canell, Mrs. Daphne S. - Head Dietitian - CA 661
914 NE 3rd Ave

Capretz, Pierre J. - Instr in French - OD 19 576
218 SW 10th St - 8545

Carey, Mrs. Delight T. - Jr Clerk-Typist, Bd of Examiners - SE 405 235
1317 NW 7th Ave

Carland, Miss Mary R. - Asst Dietitian - CA 661
Dietitian's House

Carleton, William Graves - Hd Prof of Social Sciences - PE 110 654
1004 SW 2nd Ave - 4893

Carlisle, Miss Audrey - Gen Duty Nurse - IN 371
Nurses' Home

Carr, Archie F. - Prof of Biology - SC 201 573
Rt 1, Micanopy, Fla

CARR, Mrs. Minnie P. - Statistical Asst, USDA-PMA - SE Annex 237
408 NE 3rd Ave

Carrigan, Richard A. - Prof of Soils, Ag Exper Sta - NE Annex 567
Rt 2, Rocky Point Rd - 6929

Carris, Mrs. Vivian M. - Sr Secy, Registrar's Off - AD 133 226
248-D, Flavet III

Carroll, Ralph E. - Asst Res Eng, Eng Exper Sta - SE 1104 236
639 NE 6th St

Carroll, William R. - Prof of Bacteriology - SC 102 500
701 NW 15th St - 8630

Carson, Robert E. - Prof of Humanities - AN 102 452
1513 NW 8th Ave - 3136

Carter, Mrs. Anne - Voucher Clerk, Ag Exper Sta - HT 123 494
204-U, Flavet III

Carter, Miss Cora M. - Jr Secy - LI 591
20 SW 10th St - 6632

Carter, Miss Lilly I. - Hd, Order Dept - LI 591
PO Box 183 - 6152

Carter, Sydney - Asst Prof of Architecture - E 130 505
2030 NW 7th Place - 3423
Carver, Mrs. Lois J. - Jr Steno, Maintenance, Ag Exper Sta - NE 204 324
PO Box 364
Carver, William A. - Assoc Agronomist, Ag Exper Sta - NE 306 439
502 NW 16th Ave - 5229
Case, Fred E. - Asst Prof, Real Estate - D 202 389
1112 NW 1st Place, Apt 6 - 4526
Cellon, Miss Betty Jean - Jr Steno, Bus Org & Operation - D 104 584
Rt 3, Glen Springs Rd - 6791
Chace, James E. - Hd Prof of Real Estate - D 201 578
1014 NE 5th St - 8133
Chace, Mrs. Mary W. - Sr Secy, Comptroller's Office - AD 2 220
1740 NW 6th Ave
Chamberlin, Mrs. Anne - Bkkpr, Ag Exper Sta - HT 115 366
1240 NW 10th Ave - 7490
Chambers, Mrs. Ruth H. - Sr Sten - IN 371
4643 NW 41st St - 5644
Chandler, Harley W. - Dean of the University - AD 233 469
Rt 1, Box 44-A, Hawthorne, Fla
Chandler, John F. - M/Sgt; Coach, Rifle Team - MI 482
309 NW 15th Ave
Chastain, Miss Eula L. - Sr Steno, Editorial & Mailing, Ag Exper Sta -
HT 119 497
321 NE 3rd St - 8020
Cherry, H. Spurgeon - Assoc Prof; Hd, Dept of Intramural Ath &
Recreation - FG 243
312 SW 12th St - 5128
Chiddix, Mrs. Molly A. - Sr Steno, Chemistry - LE 240 255
Melrose, Fla
Childers, George H. - Asst in Res, Eng Exper Sta - SE 1104 236
1031 NE 12th Ave - 6660
Childers, William C. - Instr in English, Univ College - AN 207 305
404 NW 17th St - 7650
Childs, Mrs. Virginia L. - Jr Clerk, Comptroller's Off - AD 23 272
405 SE 3rd St - 5824
Chipps, Miss Thais B. - Sr Typist, Bd of Examiners - SE 405 235
Paradise Trailer Court, Rt 3, Box 96-B - 9162
Choate, Rush E. - Asst Prof of Ag Eng - OH 27 216
720 NW 24th Ave - 6955
Chotas, Nicholas E. - Asst Prof of Architecture - E 156 511
209 Annis Blvd - 7935
Clark, Fred A. - Asst Agronomist, Ag Exper Sta - NE 310 439
1230 NW 9th Ave - 3644
Clark, James P. - Sgt 1cl; Chief, File Section - MI 482
925 NW 13th Ave - 3895
Clark, Roscoe - Sgt; Motor Sgt - MI 482
Rt 3, Box 85-B, Hill St
Clark, Vernon W. - Prof, Law - LW 211 353
1212 NE 4th St - 6652

Clark, W. A. - Asst Prof of English - AN 301 601
1112 SW 3rd Ave - 8022
Clarke, Mrs. Margaret T. - Sr Steno, Plant & Grounds - PG 431
Apt 108, Flavet II
Clayton, Harold G. - Dir, Ag Exten Serv - HT 103 496
117 SW 7th St - 3675
Cleland, Mrs. Gwendolyn J. - Sr Steno, Registrar's Off - AD 133 226
74-U, Flavet I
Clem, Mrs. Barbara J. - Jr Steno, Hist & Political Sc - PE 105 646
508 NE 1st St - 8220
Clemmons, Mrs. Barbara L. - Sr Clerk-Typist, Registrar's Off - AD 33 226
421 NW 15th St - 3123
Clemons, Harry B. - Offset Pressman, Duplicating Dept - PG 561
519 NE 1st St - 5419
Clinard, Mrs. Anne B. - Interim Dir of Fla Union - FU 212
745 NE 12th Ave - 3746
CLOVER, Mrs. Ann P. - Exec Secy, State Board of Eng Examiners -
SE 702 ..... (outside 4651)
936 SW 2nd Ave - 8324
Clover, George W. - Cashier, Cashier's Off - AD 2 401
936 SW 2nd Ave - 8324
Coburn, Frank W. - Apprentice Electrician, Maintenance - MS 431
715 NW 33rd Ave
Codding, Jack L. - Instr in Accounting - A 571
411 SW 3rd St
Cody, Madison D. - Prof of Botany - SC 102 500
538 NE 7th Ave - 6223
Cody, Miss I. Yvonne - Interim Instr in English - AN 207 305
538 NE 7th Ave - 6223
Coffin, Bruce C. - Seagle Custodian, Janitors - SE 239
3502 N Wilson - 3557
Cofrances, Mrs. Elizabeth - Sr Steno, Forestry - HT 401 338
250-B, Flavet III
Coker, Miss Barbara J. - Jr Steno, Eng - EI 545 315
308 NE 1st St, Apt 8
Cole, Patrick D. - Interim Instr in Humanities - AN 102 452
Jackson Ave
Coleman, Arthur M. - Freshman Coach of Football, Intercollegiate Ath -
FG 232 242
227 Annis Blvd - 7194
Coleman, W. B. - Plant Mechanic, Horticulture, Ag Exper Sta -
HT Refrigeration Plant 566
Radio Station Rd - 554
Coles, Mrs. Gladys - Mimeograph Op, Duplicating Dept - PG 561
1251 SW 3rd Ave - 8570
Coleson, Mrs. Mary Lou - Clerk, Gen Exten. Div - SE 903 234
224-R, Flavet III
Collins, Ernest C. - Asst Prof, Bus Org & Operation - D 121 277
1123 NW 3rd Ave - 4287

Colonneso, Miss Catherine - Interim Documents Asst - LI 591
1208 SW 1st Ave - 8892
Combs, Garvin B., Jr. - Operator, WRUF - RA 468
Williston, Fla
Comins, Harrison D. - Asst Prof, Civil Eng - EI 122 203
1022 SW 4th Ave - 8845
Condo, Mrs. Gloria M. - Sr Steno, Student Personnel - AD 124 200
73-T, Flavet I
Cone, A. J. - Asst Prof, Law - LW 353
312 S Main St - 4933
Cone, Mrs. Kathrin Wise - Sr Secy, Ag Exper Sta Res Library - HT 209 328
1523 NW 4th St - 6648
Congleton, J. E. - Prof of English - AN 303 601
2126 NW 7th Lane - 8057
Connell, Mrs. Gene McWhorter - Jr Steno, Univ Press - LW 5th Fl 209
221-A, Flavet III
Conner, Frederick W. - Prof of English - AN 110 306
2224 NW 6th Place - 6894
Constans, Henry P. - Hd Prof of Speech - AD 341 346
108 NW 20th Terrace - 5832
Conwell, Mrs. Iris Marie - Sr Steno, Soils, Agriculture - FL 206 217
253-T, Flavet III
Cooey, Daniel P. - Carpenter, Maintenance - MS 431
Rt 2, Box 154-B
Coogle, Miss Esther - Staff Artist, Ag & Biology - I 212 .....
1113 SW 2nd Place
Cook, Vernon E. - S/Sgt, Admin Asst - MI 613
3317 NW 4th Terrace, Rt 3
Cooper, Bryant S. - Assoc Prof of Humanities - AN 102 452
110 NW 21st St - 3188
Cooper, Mrs. Germaine S. - Library Asst - LI 591
217-U, Flavet III
Cooper, J. Francis - Editor, Ag Exper Sta & Ag Exten Serv - HT 215 495
2140 NW 3rd Place - 7363
Cotton, Mrs. Margaret A. - Library Asst - LI 591
229-C, Flavet III
Counsil, Lee F. - Sgt; Clerk, Student Records - MI 636
806 NW 11th Ave - 7228
Courtney, Otto - Steamfitter's Helper - HP 431
308 SE 2nd Ave - 7262
Courtney, William L. - Fireman - HP 431
c/o Heating Plant, Univ of Fla
Covington, Harrison W. - Instr in Art - C 104 448
1028 Brower St
Cowan, Russell W. - Assoc Prof of Mathematics - PE 13 587
707 NW 31st Ave - 3059
Cox, Donald W. - Instr in Secondary Education - YN 143 588
419 NW 14th St - 5030
Cox, Ernest Haynes - Prof of English & Logic - AD 204 300
2159 NW 9th Ave - 3860

COX, Guy - Admin Asst, USDA-PMA - SE Annex 237
1010 W Madison St, Lake City, Fla - 305-J
COX, William M., Jr. - Draftsman, Architect to the Bd of Control - E 343
621 NW 12th Ave
Crabtree, Frederick H. - Assoc Prof of Civil Eng - EI 216 203
203 NW 21st St - 3163
Crago, Miss Jean - Jr Secy - YN 210 620
209 Boulevard - 3201
Crawford, C. Merle - Instr, in Marketing - D 208 389
625 NE 6th St - 8809
CRAWFORD, Mrs. Mary Ann - Agent, Tung Investigations, USDA -
TL .....(outside 3906)
625 NE 6th St - 8809
Crawford, Wayne H. - Assoc Prof of Professional Curriculum - FG 304 245
710 NE 8th Ave - 4509
Creighton, John Thomas - Hd Prof of Entomology - FL 308.1 218
Mill Hopper Rd - 5817
Crenshaw, Charles B. - Tech, Eng Exper Sta - BA 102 420
Hill St - 6360
Crenshaw, Mrs. Nell P. - Jr Steno - IN 371
Rt 4, Newberry Rd
Cresap, Mrs. Ida K. - Librarian, Ag Exper Sta Res Library - HT 209 328
422 NW 15th St - 3526
Crevasse, J. M., Jr. - Supt of Grounds - PG 431
Hawthorne Rd - 3181
Crews, James R. - Trimmer-Pruner, Grounds - PG 431
1310 NW 6th Ave
Crews, James W. - Instr in Bus Education - YN 308 502
226 SW 4th Ave - 3773
Crippen, Mrs. Betty B. - Sr Steno, Education - YN 136 588
741 SW 2nd Ave - 4861
Crist, William G. Jr. -Assoc Prof of Insurance - D 210 389
308 NE 1st St, Apt 12
Criswell, McKinley - Custodian of Equip, Req Phys Ed - FG 113 541
112 SE 13th St
Crosby, Mrs. Mary S. - Jr Clerk-Typist, Registrar's Off - AD 33 226
630 NE 11th Ave
Crosland, Robert E. - Res Mgr, Flavet III, Sec 2, Housing 508
230-D, Flavet III
Cross, Clark I. - Instr in Geography & Physical Sciences - BN 202 377

Crowson, Miss Dorothy G. - Sr Steno, Eng - N 117 317
Box 3109, Univ Sta
Culpepper, Mrs. Martha B. - Sr Secy, Law Review Bd, Law - LW 116 355
McIntosh, Fla
Cumbee, Carroll F. - Assoc Prof of Education - YN 242 477
Newberry, Fla - 2171
Cummings, Robert J. - Asst Prof of Indus Eng - EI 323 370
11 Stengel Field
Cunha, Tony J. - Hd Prof and Hd Dept of Animal Husbandry - NE 204 324
1936 NW 2nd Ave - 3562

Cunkle, Arthur L. - Asst Prof of Economics - D 212 389
2037 NW 7th Place - 6572
Cunningham, Miss Florence - Library Asst - LI 591
214 NE 5th Ave - 5330
Curry, Mrs. Alice Kimbel - Book-Clerk, Bookstore - SS 665
Bockler's Trailer Court, NW 13th St - 9118
Cutler, Ronald - Asst Prof of English - AN 207 305
Melrose, Fla - Keystone Heights - 2292
Cutts, Charles R. - Assoc Prof & Assoc Res Eng of Civil Eng - EI 214... 203
Apt 11, 1124 NW 1st Place - 3853
Cutts, Mrs. Emma Lou - Package Librarian, Gen Exten Div - SE 807 231
901 NW 3rd Ave - 3990

D

Daane, Mrs. Bessie H. - Sr Secy, Ag Exper Sta, Soils - NE 106 567
626 NW 13th St - 7736
Dagley, Walter H. - Watchman, Ag Exper Sta - HT Annex 498
12 SE 4th Place - 3598
Dakin, Miss Mildred M. - Jr Secy, English - AN 207 305
212 NW 3rd Ave - 4942
Danburg, Russel L. - Assoc Prof of Music - R 117 671
1628 NW 3rd Place - 5109
Daniel, Mrs. Christine Z. - Jr Secy, Student Personnel Office - AD 124 ... 259
16½ NW 20th Terrace - 5366
Daniels, Stuart R. - Interim Instr in Civil Eng - EI 130 203
Apt 1, 306 NE 5th Ave
Dantzler, Ernest R. Jr. - Dir of Continuity, WRUF - RA 466
110 NW 15th St - 5309
Darnell, James C. - M/Sgt; Admin Asst, Military - MI 613
930 NE 12th Ave
Dauer, Manning J. - Hd Prof, Political Science - PE 103 646
113 NW 11th St - 8947
DaVault, James W. - Prof in Accounting - A 571
Newberry Rd at Millhopper - 3307
Davidson, Miss Betty - Jr Secy, Industrial Arts - YN 304 357
215 NW 1st St
Davidson, Mrs. Dorothy Sue - Lib Asst in Cataloging - LI 591
Rt 1, Box 26a - Gainesville - 9145
Davidson, Robert F. - Hd Prof of Humanities - AN 102 452
411 SW 10th St - 5239
Davis, George K. - Animal Nutritionist; Prof of Nutri, Ag Exper Sta - NL - 340
Palm Terrace; Box 2011 - 6732
Davis, John H. - Prof of Botany - SC 102 500
203 NW 20th Terrace - 7762
Davis, Louis C. - Asst Custodian of Equip, Req Phys Ed - FG 113 541
901 W Forest Ave, Rt 3 Box 44B
Davis, Mrs. Mary Jo - Jr Steno in Edit and Mail Room, Ag Exper
Sta - HT Annex 498
Rt 1, Box 126-A-1 - 4102

Dawkins, Mather E. - Supt, Sewage Treatment Plant, PG - ST 431
15NE 10th St - 7655
Dawson, William B. - Major; Chief FA Branch, Military - MI 480
1920 NW 10th Ave - 9886
Day, James W. - Prof of Law - LW 105 353
530 NE 7th Ave - 7012
Day, Richard L. - Instr in Geography - OF 5 262
405 NE 7th St - 5240
Dean, Ferris F. - Policeman, Grounds - PG 431
1041 SE 2nd Ave
Dean, George W. - Lecturer Civil Eng - EI 220 203
834 E University Ave - 7063
Deaton, Mrs. Carrie J. - Sr Secy, Public Relations - AD 228 397
627 SW 10th St - 5269
De Bruyn, John W. - Asst Prof of Music, Music - R 125 671
727 NE 1st St - 7947
Decker, Mrs. June M. - Jr Clerk Typist, Registrar - AD 33 226
200-R, Flavet III
Decker, Phares - Plant Pathologist, Ag Exper Sta - NE 101-A 322
903 SW 13th ST - 3748
Dees, William C. - Electrician, Maintenance - PG 431
Rt 4, Box 190; 431 NW 32nd Ave
Deinzer, Harvey T. - Prof of Accounting - A 571
928 NW 21st Terrace - 6668
DEKLE, G. W. - Asst Entomologist, State Plant Bd - SE 603 ....(outside 3903)
RFD 3, Box 285 - 3847
Dellastatious, Joseph W. - Instr in Req Phys Ed - FG 305 532
1402 NW 6th Place - 6096
Delony, Dexter - Assoc Prof of Law - LW 207 353
1504 NW 10th Ave - 4846
Demaree, Miss Sara F. - Lab Asst, Soils, Ag Exper Sta - NE 110-A 567
913 NW 3rd Ave - 6188
DEMPSEY, Miss Nell W. - Calculation Mach Op - USDA-PMA -
SE ANNEX 237
Rt 5, 220 Valley Rd - 6526
Denington, Mrs. Jacqueline G. - Records Clerk, Housing - MU 250
Box 2352, Univ Sta
Denmark, Mrs. Jane B. - Jr Steno, Agronomy, Ag Exper Sta - NE 304 439
203-A, Flavet III
Dennis, Raymond B. - Stock Clerk, Central Stores - PG 431
Rt 5, Box 179-A - 3379
DENNIS, Robert S. - Exec Officer, USDA - PMA - SE ANNEX 238
845 NE 5th Ave - 7180
Dennison, Raymond A. - Assoc Horticulturist, Ag Exper Sta -
VL - 101 566
1102 NW 10th Ave - 8369
Dent, John A. - Lecturer in Mech Eng - EI 511 315
7 Stengel Field
Dentith, Mrs. Mary E. - Jr Steno, Gen Exten Div - SE 906 233
1108 SE 1st Ave - 6030

Derrough, Roger P. - Lab Tech, Electrical Eng - EI 531 309
930 NE 10th Ave
DeSandro, Mrs. Betty - Jr Steno, Gen Exten Div - SE 805 232
249-T, Flavet III
Diamant, Alfred - Instr in Political Science - PE 200 646
311 NE 9th St - 4604
Dickey, Dallas C. - Prof of Speech - AD 341 426
2208 NW 10th St - 5628
Dickey, Ralph Davis - Asst Horticulturist, Ag Exper Sta - NE 301 327
636 NE 2nd St - 7113
Dickinson, Clyde R. - Asst Supt of Janitors - AD 15 531
Box 153, Newberry - 2032
Dickinson, Miss Grace M. - Jr Steno, Eng Exper Sta, EI 332 308
Rt 1, Box 52-A, Starke, Fla
Dickinson, J. C. Jr. - Asst Prof of Biology 575
Bivens Arms - 4632
Dickinson, James E. - Instr in Forestry - HT 403 338
1814 NW 1st Ave
Dickison, Raymond R. - Asst Dir of Libraries and Assoc Prof
of Library - LI 200 591
1725 NW 7th Place - 3909
Dierlam, Robert J. - Asst Prof of Speech - AD 340 346
107 NE 8th St - 6823
Diettrich, S. deR - Hd Prof of Geography - OF 4 579
415 SE 6th Terrace - 5877
Dietz, John W. - Prof of Finance, Bus Org and Op - D 111 277
525 NE 9th Ave - 5612
Dillon, Robert M. - Instr in Architecture - E 113 384
1823 NW 5th Ave
Dilly, Mrs. Evelyn - Jr Steno, Ag Exper Sta - HT 209 328
247-C, Flavet III
Dilsayer, Mrs. Princess C. - Lib Asst, Ag Exten Library - HT 209 328
142, Flavet II - 5155
Dinkins, Mrs. Margaret L. - Jr Vari-Typer Operator, Duplicating - PG 561
241-C, Flavet III
DITTMAR, Charles Harris - Sub Clerk, Post Office - Univ Sta...(outside 4981)
616½ N 13th St
Dixon, James C. - Assoc Prof of Psychology, Arts and Sciences -
AD 314 345
1604 NW 6th Ave - 5565
Dixon, Robert E. - Asst Supervisor Pest Control Div - PC 544
Rt 2, Box 58-K - 6609
Dolbeare, Harwood B. - Prof of Economics - D 105 631
View Drive, Golfview - 4274
Donaldson, Miss Eva L. - Chief Clerk, Edit & Mail Rm, Ag Exper
Sta - HT 119 497
1215 NW 4th St - 6738
Donovan, Clement H. - Prof of Public Finance - D 114 277
1403 NW 3rd Ave - 3664
DORMAN, Robert Wilbur - Clerk, Post Office - Univ Sta.....(outside 4981)
426 SW 2nd St - 4039

Dostal, Bernard F. - Assoc Prof of Mathematics - WA 101-A 586
216 NE 3rd St - 3436
Doty, Franklin A. - Asst Prof of Social Sciences - AD 204 300
1804 NW 7th Ave - 8935
Douglas, Mrs. Bette W. - Clerk-Typist, News Bureau - AD 138 288
915 SW 2nd Ave, Apt 6
Dovell, Junius E. - Asst Prof of History and Pol Sciences - PE 110 654
1004 NW 15th Ave - 7253
Dow, Andrew N. - Interim Instr, Psychology - OD 21 445
Rt 4, Box 122, Dung Hill
Dowd, David Lloyd - Assoc Prof in His & Pol Science - PE 104 338
Forrest Ave - 4500
Dowling, Mrs. Elsbethanne J. - Sr Steno, Maintenance - PG 431
Gainesville Court, No. 5
Drake, Chester W. - Lecturer in Electrical Eng - EI 350 309
1619 NW 12th St - 5447
Driggers, J. Clyde - Assoc Prof, Poultry Husbandry, Ag Exper Sta - PO .. 564
100 NE 8th Ave - 4639
DROSDOFF, Matthew - Soil Technologist, Tung Investigations
USDA - TL ..... (outside 3906)
803 NW 10th Ave - 3172
Duckworth, Frank A. - Assoc Prof of Pharmacy - LE 424 429
Hibiscus Blvd and Poinsettia St
Dudley, Miss Donna - Sr Steno, Physics - BN 101 310
3127 NW 6th St - 6593
Duer, Mrs. Margaret D. - Hd, Circulation Dept, Lib - LI 591
1427 NW 13th ST - 8387
Duncan, James M. - Asst Prof of Chem Eng - N 108 317
Ocala Rd
Duncan, Miss Trixie H. - Statistical Clerk, Economics,
Ag Exper Sta - HT 311 333
1835 NW 5th Ave - 6513
Dunkle, John R. - Instr in Physical Sciences - OF 579
1015 SW 5th Ave - 4316
Dunn, Mrs. Elsie H. - Jr Secy, Ag Exper Sta - NE 204 324
543 NE 8th Ave - 5582
Dunn, J. S. - Labor Supervisor, Housing - MA Basement 392
Rt 3, Box 84x - 9846
DUNSCOMBE, Aubrey - Admin Officer, USDA-PMA - SE Annex 237
1025 SE 1st Ave - 4078
Durell, Mrs. Phyllis B. - Jr Secy, Graduate School - AD 235 459
318 NW 15th St - 4779
Durrance, Charles L. Jr. - Assoc Prof of Education - YN 333 479
2248 NW 5th Place - 7448
Durrance, John R. - Instr, Psychology - E 154 337
824 E University - 3196
Dusenbury, Delwin, B. - Asst Prof of Speech - AD 342 346
1007 NW 14th Ave - 3048
Dyer, Donald R. - Asst Prof of Geography - OF 7 262
1708 A NW 2nd Ave - 6258

Dyess, Carey William - University Policeman - Plants & Grounds - PG ... 431
Gen Del - 8239

E

EARHART, Robert W. - Plant Pathologist, USDA - S 276
NW 12th Rd

Eastham, Miss Mally E. - Sr Steno, Plant Pathology, Ag Exper Sta - NE 102 336
1010 W. University Ave - 3362

Eastman, Mrs. Betty Lou - Voucher Clerk, Admin Ag Exper Sta - HT 123 494
321 NW 16th St - 5222

Eaton, William B. - Asst Prof of Architecture - U 105 330
NW 33rd Ave - 7100

Eckel, Mrs. Charlotte D. - Sr Steno, Math - WA 205-A 586
12 NE 5th St

Edenfield, Talmage M. Jr. - Sgt 1cl; Clerk, Training Aids, Military - MI .. 482
1215 NE 9th St

Edminston, Mrs. Grace L. - Jr Steno, Civil Eng - EI 216 203
233-C, Flavet III

Edmondson, Miss Cornelia - Instr in Req Phys Ed - WG 393
1028 SW 3rd Ave - 7487

Edson, Charles G. - Asst Prof of Eng Mechanics - RE 203 416
Rt 5, Box 25-D - 6335

Edwards, Mrs. Margaret B. - Jr Steno, Home Economics, Ag Exper Sta - NE 210 325
211 NE 6th St

Edwards, Richard A. - Acting Hd Prof of Geology - RE 307 203
616 NW 8th Place - 8737

Eggert, Chester Lee - Principal, P.K. Yonge - YN 220 476
131 Byron Way, University Park - 7649

Ehninger, Douglas W. - Asst Prof of Speech - AD 354 426
25 University Manor

Ehrmann, Winston W. - Prof of Sociology & Marriage Counselor - PE 304 487
1235 SW 9th Ave - 7690

Eibner, John R. - Line Coach, Intercol Athletics - FG 228 242
17 NW 20th Drive

Eldridge, John G. - Prof of Economics - PE 111 344
Hibicus Park

Ellerbe, Mrs. Helen Cubberly - Interim Cataloger, Lib - LI 591
405 NE 2nd Ave - 4031

Elliott, L. Paul - Assoc Prof of Physical Science - BN 202 377
1817 NW 13th St - 8377

Ellis, David - Asst Prof of Mathematics - PE 8 587
318 NE 10th St - 8120

Ellis, Henry K. Jr. - M/Sgt; Instr, Military - MI 613
1020 NE 7th - 6858

Ellis, Miss Vi Jeanne H. - Sr Clerk Typist, Registrar's Off - AD 33 226
321 SW 13th St.

Elmore, William E. - Auditor, Business Office - AD 102 256
720 NE 4th Ave - 7501
Emerson, David L. - Asst Prof, Eng Exper Sta - RE 303 319
2015 NW 9th Ave - 8830
Emerson, Robert L. - Assoc Prof of Bacteriology - SC 102 500
1050½ E University Ave
Emig, Elmer J. - Prof of Journalism - K 206 597
2120 NW 3rd Place - 6773
Emmel, Mark W. - Prof of Veterinary Science; Veterinarian,
Ag Exper Sta - PL 403
530 NE 8th Ave - 7570
Emory, C. William - Asst Prof of Marketing - D 208 389
305 NE 10th St - 8259
English, Frank - Plumber's Helper, Maintenance ; PG 431 431
Rt 3, Box 57; NW 6th St
English, Mrs. Loulie W. - Sr Steno - LW 101 353
3980 NW 13th St - 3233
Ennis, Mrs. Mary E. - Lab Tech, Infirmary - IN 371
Nurses' Home - Ext 371
Eno, Charles F. - Asst Soil Microbiologist, Ag Exper Sta - NE 106 567
Apt 13, 1124 NW 1st Place
Entz, Mrs. Johnnye - Auditor, Veterans' Accounts - Cashier's Off -
AD 2 401
1243 NW 4th Ave - 6878
Epps, Charles K. - Major; Chief, Freshman Branch, Military - MI 482
1604 NW 7th Place - 8295
Erickson, Mrs. Audrey - Sr Steno, Student Personnel - AD 124 301
203-R, Flavet III
Eriksen, Mrs. Patricia L. - Exec Asst, WRUF - RA 468
240 S Main - 4647
Eshleman, Silas K. - Assoc Prof of Industrial Eng - EI 327 370
543 NE 6th Ave - 5978
Eutsler, Roland B. - Asst Dn, Col of Bus Admin; Prof of Econ -
AN 204 303
Briarcliff Drive, Golfview - 4737
Evers, Mrs. Elsie - Sr Secy, Florida Center of Clin Services - AD 339 526
1435 NW 7th Ave - 4997
Evey, Mrs. Lucille L. - Storekeeper, Housing - MU 451
Rt 3, Box 276

F

Fagan, Mrs. Marilyn B. - Sr Steno, Ag Exten Ser - HT 217 350
1030 NE 1st Ave - 5478
Fagen, William F. - Assoc Prof of Electrical Eng - EI 417 309
1031 NE 13th Place - 5130
Fagin, Barry - Dir, Vet Guid Cen, & Asst Prof of Ed - SE 1004 239
304 NE 10th St - 6025
Fain, John T. - Assoc Prof of English - AD 204 300
1216 NW 3rd Ave - 6819

Fairing, Robert L. - Hd, Dept. Citizenship Training, Gen Exten Div - SE 707 520
718 NE 5th Terrace - 4349

Farr, Mrs. Paula B. - Jr Typist, Univ Press - LW 209
227-S, Flavet III

FASSA, Alfred J. - Tech, Eng Exper Sta - BA 106 419
1116 SW 2nd Ave - 7096

Faulds, Miss Betty B. - Instr in Req Phys Ed - WG 393
1028 SW 3rd Ave - 7487

Faulkner, B. F. - Gen Foreman, Electrical Main - PG 431
Box 45, Alachua, Fla - Alachua - 2114

Fawcett, Miss Mary S. - Dietitian, P.K. Yonge Cafeteria - YN CA 382
303 SW 13th St

Fay, Mrs. Dorothy S. - Sr Steno, English - AN 110 306
204-S, Flavet III

FAY, Mrs. Lucille H. - Secy, Tung Investigations, USDA - TL- (outside 3906)
116 NW 3rd St - 3095

Fearney, Edward M. - Asst Prof of Architecture - E-118 505
Golfview Drive - 5687

Fenn, Henry A. - Dn & Prof of Law - LW 102 353
Hibiscus Park - 4064

Ferguson, Mrs. Jewell G. - Basketroom Sup, Req Phys Ed - WG 393
Rt 5, Annis Blvd - 7477

Ferguson, Walker M. - Tech, Eng Exper Sta - N 103 318
320 NW 3rd St

Fernandez, Pedro V. - Assoc Prof of Spanish - AN 3-E 576
Hibiscus Park - 6720

Feurt, Seldon D. - Interim Instr in Pharmacy - LE 300 429
Rt 2, Box 184½ (Lake Road)

Fielden, Harry L. Jr. - Mgr, Flavet II, Housing .....(outside 5155)
101 Flavet II

Fielder, James M. - Jr Accountant, Comptroller's Off - AD 2 253
Rt 3, Box 283-D

Fifield, Willard M. - Dir, Ag Exper Sta - HT 109-A 493
1823 NW 7th Ave - 8755

Finneran, Thomas C. - Capt; Instr FA, Military - MI 482
1217 Ridgeland Ave - 8648

Firmage, D. Allan - Assoc Prof of Civil Eng - EI 211 203
812 NW 21st St - 8798

FISHER, Mrs. Hazel E. - Clerk Steno, USDA - PMA - SE ANNEX 237
1222 NW 3rd Ave - 5697

FISHER, Mrs. Jessie - Secy, Architect to Bd of Control - E 343
924 E. University Ave - 5733

Fisher, Mrs. Viola M. - Craftshop Sup, Florida Union - FU 3rd Fl 212
120 NW 20th St - 6585

Flagg, Norman B. - Asst Prof of Architecture - E 111 384
919 NW 6th St - 3248

Flanigan, Frank McC. - Asst in Res, Eng Exper Sta - SE 1104 236
Rt 2, Kirkwood - 5136

Fleming, Mrs. Ilah W. - Jr Sec, Ag Exten Serv - HT 101 411
1213 SW 2nd Ave - 7322

Flesh, Mrs. Lillian - Sr Steno, Military - MI 482
315 NE 15th Terrace - 6592
Fletcher, Mrs. Gloria D. - Jr Steno, Eng Exper Sta - SE 1104 236
2032½ NW 3rd Ave
Flowers, John W. - Assoc Prof of Physics - BN 101 310
1017 SW 7th Ave - 8748
Floyd, George P. - Tech, Eng Exper Sta - BA 102 420
Rt 1, Box 105, Williston, Fla
Floyd, Joe S. Jr. - Asst Prof of Finance - D 119 277
506 NE 6th Ave
Fogle, Stephen F. - Assoc Prof of English - AN 207 305
920 NW 8th Place - 8646
Fogleman, William H. - Asst Prof and Tennis Coach, Req Phys
Ed - FG 305 532
2048 NW 8th Place - 8300
Folks, S. John, Jr. - Asst Prof of Animal Husbandry, Ag; Asst
Animal Husbandman, Ag Exper Sta - NE 204 324
Hibiscus Park - 8182
Foote, Perry A. - Dn, Col of Pharmacy & Dir Bur of Professional
Relations - LE 320 488
517 SW 10th St - 5727
Forbes, Richard B. - Asst Prof of Soils - FL 101 217
820 Hooper Ave, Rt 3
Ford, E. S. - Prof of Botany, Ag - SC 7 .....
Rt 5, Glen Springs Rd - 3345
Foster, Charles R. - Prof and Hd Counseling, Placement, & Grad
Studies in Ed - YN 202 620
504 NE 9th Ave - 3886
Foster, Fred D. - Supt of Infirmary - IN 371
410 NW 20th St - 5169
FOSTER, H. S. - Apiary Inspector, State Plant Bd - SE 502 .... (outside 3903)

Foster, Mrs. Margaret M. - Sr Steno, Bus Admin - AN 204 303
224-T, Flavet III
Foster, William F. - Lt Col. Chief, TC Br, Military - MI 482
Newberry Rd - 7842
Foster, Mrs. Winifred - Chief Cashier, Bookstore - SS 664
NW 13th St, Rt 3, Box 284 NX1
Fouts, Everell L. - Hd, Dept of Dairy Husbandry & Manufactures,
Ag Exper Sta - DL 106 339
Palm Terrace - 5862
Fowler, Talbert B. Jr. - Interim Serials Asst, Library - LW 218 596
1025 NE 3rd Ave
Fowler, W. C. - Swine Herdsman, Ag Exper Sta Farm..... (outside 6761)
Rt 2, Box 183½, Lake Rd - 6567
Fox, Miss Lauretta Ewing - Asst Prof, Dept of Pharmacognosy
and Pharmacology - LE 400 603
3029 NW 5th St; Rt 3, Box 82 1/4
Fralish, Mrs. Dorothy M. - Bkkpr, Cashier's Off - AD 1 417
110 SE 7th St

Frankovic, Mrs. Theresa P. - Sr Steno, Div of Music - R 104 671
12-D, Flavet I
Frash, Edwin S. - Asst Prof of Mechanical Eng - EI 509 315
1024 E Franklin St, Ocala, Fla - 652 Green
Frazer, Percy W. - Assoc Prof of Forestry - HT 408 338
2218 NW 7th Lane - 7706
Frazier, Mrs. Mary L. - Jr Steno, Gen Exten Div - SE 707 520
626 SE 2nd Place - 7325
Freeman, George R. - Supt, Field Op, Ag Exper Sta - HT Annex 498
1022 NW 22nd Ave - 6789
Freeman, Mrs. Grace W. - Head Teller, Cashier's Off - AD 1 417
Milton Way, University Park - 4037
French, A. Lee Jr. - Instr in Ag Economics - OD 3 335
2004 W University Ave - 7353
French, Rowland B. - Biochemist, Ag Exper Sta - NE 212 325
1225 NE 5th Terrace - 6132
Freyburger, Stewart W. - Instr in Pharmacognosy and
Pharmacology - LE 400 603
915 SW 7th Ave
FRIERSON, Paul E. - Asst to Grove Inspector, State Plant
Bd - SE 507 ..... (outside 3903)
RFD 3, Box 82-A - 7767
Frishman, Mrs. Shirley P. - Jr Steno, Gen Exten Div- SE 906 233
18-F, Flavet I
Fristoe, Charles W. - Asst Prof of Economics - D 212 389
735 NE 9th Ave
Frye, Mrs. Ruth E. - Jr Steno, Horticulture and Soils - OG 286
Rt 1, Micanopy, Fla - 2541
Fuller, David D. - Baseball Coach, Intercol Athletics - FG 232 242
718 NE 4th Ave - 3949
FULTON, Guy C. - Architect to the Bd of Control - E 343
Golfview; Box 2181, Univ Sta - 4506
Funk, Miss Geraldine E. - Lab Tech, Eng Exper Sta - SL 503
1208 SW 1st Ave

G

Gaddum, Leonard W. - Hd Prof of Physical Sciences - BN 202 377
RFD 5, Hibiscus Park - 3737
Gager, William A. - Prof of Mathematics - WA 101-B 586
2960 Parkway, Golfview - 7073
Gago, Mrs. Dorothy - Statistical Clerk, Economics, Ag Exper Sta -
HT 309 333
PO Box 468
Gaines, Miss Marilyn - Jr Secy, Comptroller's Off - AD 2 522
321 SE 8th St - 7030
Gaitanis, Louis A. - Asst Prof, Bus Org & Op - AN 200 303
Rt 5, Millhopper Rd - 3314
Gallagher, Frank J. - Capt; Adjutant - MI 613
Palm Terrace - 3968

Gammon, Nathan - Soils Chemist, Ag Exper Sta - NA 567
1403 NW 11th Rd; Rt 5 - 3979
Gann, G. J. - Field Asst, Agronomy, Ag Exper Sta Farm ..... (outside 6761)
Rt 1
Gann, Russell B. - Steamfitter's Helper - HP 431
1038 SE 3rd St
Gano, Ovid R. - Chief Engineer, WRUF - RA .....(outside 8018)
Rt 4, Box 358½ - 8018
Gardner, Henry R. - Instr in Art - WA 303 628
318 NE 2nd Ave - 7392
Gardner, Howard C. - Apprentice Lithographic Pressman,
Duplicating - PG 561
309 SW 5th St
Garrett, John M. - Campus Mail Carrier - E 187 225
Palm Terrace - 5184
Garris, Edward W. - Prof & Hd of Ag Education - YN 136 588
415 NE 10th Ave - 5786
Gathercole, Mrs. Elizabeth J. - Jr Clerk, Registrar's Off - AD 33 226
Lake Road Trailer Court - 9293
Gattis, Mrs. Della B. - Sr Secy, Eng Exper Sta - EI 308 311
Kirkwood, Rt 2 - 8027
Gay, James M. - Editorial Asst, News Bureau - AD 138 288
Rt 5, Hibiscus Park
Gay, Mrs. Janet T. - Chief Clerk, Alumni Affairs - AU 214
1012 NW 30th Ave - 7656
Gay, Mrs. Leonora - Jr Steno, Forestry - HT 401 338
306 NE 6th St
Gechter, Emil - Field Asst, Agronomy, Ag Exper Sta Farm.....(outside 6761)
Rt 2, Box 91-G, Baltimore Dr
Gehan, Frederick E. - Asst Prof of English - AN 302 305
531 Blvd - 7383
Geiger, Stacey L. - Operator, Sewage Treatment Plant - ST 431
303 E University Ave, Apt 6
Geltz, Charles G - Prof, Forestry - HT 403 338
1521 NW 7th Ave - 5473
Genovar, Frank D. - Swimming Coach and Instr in Req Phys Ed -
FG 305 532
Ocala Rd, Box 2333 - 4087
George, Miss Betty M. - Instr in Req Phys Ed - WG 393
1023 SW 1st Ave - 8230
Getzen, S. P. Jr. - Merchandise Mgr, Bookstore - SS 665
Newberry, Fla - 2912
Gibbs, Miss Betty A. - Jr Secy, University College - AD 204 300
110 NW 21st St - 3188
GIBBS, Mrs. Pearl O. - Clerk, Post Office - Univ Sta .....(outside 4981)
1122 SW 2nd Ave - 5477
Gibson, Mrs. Jeanette K. - Jr Steno, Ag Exten Serv - HT 300 334
235-S, Flavet III - 5340
GILBERT, Mrs. Julia M. - Clerk, USDA - PMA - SE Annex 237
102 NW 20th Dr - 6032

GILBERT, Seymour G. - Assoc Plant Physiologist, Tung Investigations - Interim Instr, Chemistry, USDA - TL ..... (outside 3906)
1022 SW 1st Ave - 6976

Gilleon, Arthur C. - Field Asst, Ag Exper Sta Farm ..... (outside 6761)
Rt 4, Box 42

GILLIS, Donald - Field Supervisor, PMA - SE 101 ..... (outside 5091)
Alachua, Fla

Gilman, Robert L. - Asst in Agronomy, Ag Exper Sta - NE 10 320
Rt 3, Box 284-F, 1120 NW 42nd Ave

Gilmore, Alvan R. - Instr in Forestry - HT 413 338
Pine Haven Extension, N Alabama

GIST, M. - Agent USDA Cotton & filler crops, Ag Exper Sta - NE 306 326
McIntosh, Fla

Glasscock, R. S. - An Husbandman, Ag Exper Sta - NE 204 324
912 SW 2nd Ave

Glicco, Mrs. Elizabeth A. - Bkkpr, Bookstore - SS 664
1936 NW 6th St - 4488

Glover, Miss Elizabeth V. - Admin Asst, Arts & Sciences - AN 103 358
1731 NW 6th Ave - 4300

Glunt, James D. - Prof of Hist & Pol Science - OE 10 428
621 NE 5th Terrace - 4280

Godwin, Ernest B. - Equipt Engineer - CA 530
210 NE 10th Ave - 8501

Godwin, Marshall Reid - Assoc Prof of Ag Economics - OD 6 335
933 SW 1st Ave

Goen, Oliver F. - Animal Husbandman, Ag Exten Serv - HT 310 331
1908 NW 2nd St - 8653

Goette, William L. - Teacher, P K Yonge - YN 148 430
627 SW 12th St - 6328

Goggin, John M. - Assoc Prof of Anthropology - PE 312 487
817 NW 13th St -

Gbin, Coleman J. - Asst Prof of Biological Sciences - H 501
SW 13th St - 4990

Golden, Leo F. - Supervisor of Janitors - AD 15 531
314 NW 2nd Ave - 7580

Golz, Walter - Asst Prof of Music - R 107 671
304 NE 11th St

Gonzalez, Mrs. Martina - Library Asst - LI 591
218-B, Flavet III

Goodwin, Frank - Prof of Marketing, Bus Org & Operation - D 108 584
1105 NW 14th Ave - 7934

GOODWIN, J. C. - Nursery Inspector & Asst Plant Commissioner - State Plant Bd - SE 504 .....(outside 3903)
220 NE 7th St - 5863

Gordon, Morton M. - Interim Instr in Physics - BN 101 310
1829 NW 2nd Ave

Gormsen, Svend Theodore - Instr of Mathematics - PE 8 586
2216 NW 5th Place - 5715

Graeffe, Arnold D. - Assoc Prof of Humanities - AN 102 452
726 NE 4th Ave - 7494

Grafton, Miss Rhea M. - Jr Steno, Chemistry - LE 200 486
1516 NW 12th Rd - 7367

Graham, Klein H. - Retired Business Mgr - OJ 20 428
417 NE 4th Ave - 3524

Graham, Warren S. - Electronics Man, Maintenance - MS 431
113 Felton Ct.

Gramling, Lea G. - Assoc Prof of Pharmaceutical Chemistry - LE 312 609
20 NW 12th Terrace - 9570

Grand, John L. R. - Hd Prof of Architecture - E 125 606
121 NE 8th St - 8644

Grantham, G. R. - Assoc Prof of Civil Eng - EI 218 203
14 Stengel Field

Gratz, L. O. - Asst Dir, Research, Ag Exper Sta - HT 107 260
2226 NW 7th Lane - 7812

Graves, Mrs. Elizabeth M. - Sr. Steno, Intercol Athletics - FG 556
214-T, Flavet III

Gray, Leon A. - Asst Prof of Education - YN 147 263
308 NE 8th Ave - 5759

Greaves-Walker, Arthur F. - Lecturer in Ceramics, Eng Exper
Sta - BA 106 419
1604 NW 7th Ave - 3727

Green, Mrs. Bernice P. - Jr Vari-typer Operator, Duplicating - PG 561
245-D, Flavet III

Green, C. W. - Painter, Maintenance - PG 431
Rt 2, Box 188-D - 6167

Green, Mrs. Eleanor K. - Instr in Education - YN 117 518
3811 NW 13th St - 4536

Green, Mrs. Evelyn B. - Sr Steno, Humanities - AN 102 452
1702 W University Ave 3012

Green, Roy N. - Instr in Art - E 119 505
200 Annis Blvd

Green, Warren E. - Instr in English - AN 207 305
RFD 2, Box 82, Hawthorne, Fla

Greene, Calvin C., Jr. - Dir, Plants & Grounds - PG 431
1028 NE 7th Ave

Greene, R. E. L. - Prof of Ag Economics - HT 312 335
805 NW 21st Terrace - 8793

Greene, William W. - Supt of Janitors - AD 15 531
220 SW 2nd Ave - 7433

Gregory, Jesse O. - Lt Col; Asst PAS & T - MI 613
1534 NW 7th Place - 5545

Greiner, John W. - Instr in Physical Sciences - BN 202 377
Rt 3 Box 284-R

Grennell, M. G. - Asst Agronomist, Ag Exper Sta - NE 308 439
308 SW 12th St

Grier, Charles H. - Mechanic, Transportation - T 431
Rt 2 Box 103-C - 4688

GRIFFIN, John W. - Archaeologist, Fla Park Serv - SE 103 ..... (outside 8731)
1743 NW 3rd Place - 6873

Griffin, Mrs. Patricia C. - Clerk, Bookstore - SS 665
126 NW 10th St

Griffin, Miss Penelope - Sr Secy, Food Service - CA 661
1708 NW 2nd Ave - 8905

Griffin, Robert C. - Field Representative, Gen Exten Div - SE 809 231
Rt 3, Box 167-B

Griffith, Miss Mildred - Asst Prof of Biological Sciences - SC 102 500
1105 NW 1st Place, Apt 2

Griffiths, Austin, Jr. - Interim Asst in Horticulture, Ag Exper Sta - Fumigation Lab 568
Apt 12, University Manor

Grigsby, Mac G. - Safety Insp & Buildings Custodian, Bus Off - AD 102 .. 464
1203 NW 4th Ave - 6646

Grimsley, Fred C. - Tech, Eng Exper Sta - N 102 318
Rt 1, Box 2159, Univ Sta

Griner, Mrs. Ruth T. - Sr Steno, Entomology, Ag - FL 305 218
18 NE 8th Ave

Grobman, Arnold B. - Asst Prof of Biology - LE 211 572
1523 NW 6th Ave - 7794

Gropp, Armin H. - Asst Prof of Chemistry - LE 156 485
305 NW 15th Terrace - 8633

GROPP, Mrs. Clare M. - Agent Tung Investigations, USDA - TL ..... (outside 3906)
305 NW 15th Terrace - 8633

Groth, John H. - Prof of Humanities - AN 102 452
530 NE 9th Ave - 6590

Guarisco, Mrs. Norma V. - Sr Steno, Student Personnel - AD 128 383
215-B, Flavet III

GUERRY, Penny - Secy, State Dept of Education, Vocational Rehabilitation - SE 704 ..... (outside 3621)
402 NW 2nd Ave - 7644

Guistwhite, Jack C. - Tabulating Supervisor, Registrar's Off - AD 29 226
1221 SW 4th Ave - 3439

Guiteras, George G. - Univ Physician - IN 371
929 SW 13th St - 3649

Gumpper, Miss Faye L. - Hd Resident, Grove Hall - GR 695
Grove Hall - ext 695

Gurd, Bruce - Hd Resident, Weaver Hall - WE 295
Weaver Hall - ext 295

Gutmann, Helmut R. - Asst Prof of Cancer Research - CR 395
1238-A SW 4th Ave

H

Hadlock, Edwin H. - Assoc Prof of Mathematics - WA 201-B 586
1021 NE 4th St - 7032

Hagood, Mrs. Eillene - Retoucher, Photographic Dept - L 402
819 NW 18th Ave - 8284

Haines, Lewis F. - Dir, Univ Press; Prof of Humanities - LW 209
Hibiscus Park - 3943

Hale, John P. - Apprentice Electrician, Maintenance - PG 431
Rt 8, Box 109, Lake Butler, Fla
Hale, Lester L. - Prof of Speech - AD 323 347
2245 NW 6th Place 7266
HALES, James Lucas, Jr. - Contact Representative, VA -
SE 10th Fl ..... (outside 8671)
1013 NW 15th Ave
Hall, Chesley B. - Asst Horticulturist, Ag Exper Sta - NE 314 327
612 NW 24th Ave
Halladay, Daniel W. - Asst Prof of Phys Ed - FG 304 245
1402 NW 6th Place - 6096
Halsey, Lawrence H. - Asst Horticulturist, Ag Exper Sta - VL 102 566
1017 NW 16th Ave - 8605
Haltiwanger, Mrs. Julia T. - Jr Steno, Gen Exten Div - SE 908 519
136 NE 4th Ave - 7198
Hamilton, Henry G. - Ag Economist & Hd of Dept, Ag Exten Serv -
HT 309 333
505 SW 10th St - 5629
Hamilton, Jefferson M. - Architect, Consulting Architect - AD 306 363
615 NE 11th Ave - 8418
Hammond, Eugene A. - Assoc Prof of Social Sciences - AD 204 300
1021 SW 5th Ave - 7449
Hammond, Miss Joyce - Teacher, P K Yonge - YN Gym 474
Rt 5, Palm Terrace
Hammond, Luther C. - Asst Prof of Soils, Ag - OG 17 286
524 SE 4th Ave - 6845
Hampson, Charles M. - Prof of Exten Methods, Exten Econ, Farm
Management - Ag Exten Serv - HT 307 332
325 SW 12th St - 7917
Hand, Mrs. June C. - Sr Clerk - PG 431
Apt 107, Flavet II
Hand, Will M. - Vocational Appraiser, Vet Guidance Center - SE 1004 239
242-R, Flavet III
Hankemeyer, Mrs. Mildred V. - Periodicals Asst, Res Library,
Ag Exper Sta - HT 207 328
Waldo, Fla
Hanna, Loyd G. - Capt; Instr - MI 482
222 NW 15th Ave - 6239
Hanna, Paul L. - Prof of Social Sciences - PE 110 654
1021 SW 3rd Ave - 7753
Hanson, Harold P. - Asst Prof of Physics - BN 101 310
319 SW 12th St - 6309
Hanson, Warren D. - Asst Prof of Agronomy - FL 302 615
1610 NW 6th Ave - 6486
Harden, Mrs. Edith T. - Sr Clerk-Typist, Education - YN 202 620
228-T, Flavet III
Harden, J. L. - Custodian, New Gym, Janitorial - FG 541
209 NW 2nd St - 7948
Hardy, Mrs. Elizabeth C. - Chief Proofreader, Univ Press - LW 5th FL 209
221-R, Flavet III

Hardy, Frederick K. - Assoc Prof of Marketing, Bus Org & Oper - D 116 ... 277
1939 NW 5th Ave - 4590
Hare, W. W. - Electrician, Maintenance - PG 431
Rt 2, Box 185
Harkness, Donald R. - Interim Instr in English - AN 207 305
3335 NW 4th St; Rt 3, Box 85 MH
Harlan, William E. - Instr in Req Phys Ed - FG 305 532
1006 NE 12th Ave - 4034
Harlow, Justin E., Jr. - Dir & Asst Prof of Bur of Voc Guid - AD 312 345
1030 Brower Court - 7087
Harman, Willis W. - Assoc Prof of Elect Eng - EI 425 309
754 NW 20th St - 7315
Harp, Mrs. Gertrude P. - Bkkpr, Comptroller's Off - AD 2 253
123 SE 14th St
Harrell, Sam - Labor Foreman, Ag Exper Sta Farm ..... (outside 6761)
Rt 3, Box 60
HARRIS, Mrs. Frances S. - Clerk, USDA-PMA - SE Annex 238
1021 SW 6th St - 5894
Harris, George C. - Asst Tech in Physics - BN 101 310
Rt 4, Box 170
Harris, Henry C. - Agronomist - Ag Exper Sta NE 308 439
711 NE 6th St - 6746
Harris, Lawrence A. - Assoc Prof & Assoc Res Eng - EI 530 309
1114 NW 14th Ave - 7927
Harris, Mrs. Louise L. - Jr Steno, Ag Exper Sta - HT 115 336
1330 NW 6th Ave - 3426
Harris, Miss Marie - Bindery Forelady, Duplicating Dept - PG 561
Box 131, Waldo, Fla
Harris, Mrs. Majorie T. - Jr Typist - FU 212
238-T, Flavet III
Harris, Nat - Stockroom Clerk, Chemistry - LE 109 266
Rt 3, Box 97-A
Harris, William J. - Warehouseman, Business Off - L 480
722 N Main St
HARRISON, Grady - Clerk in Charge, Post Office - Univ Sta ... (outside 4981)
Little Gandy - 6782
Harrison, John A. - Asst Prof of Hist & Pol Science - PE 104 388
621 NE 8th Ave - 7004
HARROLD, Mrs. Bessie - Steno, State Plant Bd - SE 504 ..... (outside 3903)
315 NW 14th Drive - 4549
Hart, Freeman H. - Assoc Prof of Humanities - AN 102 452
208 NW 20th Terrace - 6396
Hart, Leslie F. - Sgt; Admin Asst - MI 482
926 NE 3rd Ave - 5100
Hart, Thomas A. E. - Assoc Prof of Humanities - AN 102 452
800 NW 37th Ave - 8384
Hartman, Francis R. - Carpenter, Maintenance - PG 431
428 NW 10th Ave
Hartmann, Frederick H. - Asst Prof of Hist & Pol Science - PE 200 646
1001 NW 24th Ave - 8368

Harvin, Richard L. - Asst Prof of Chemical Eng, Eng Exper Sta - N 103 ... 318
Briarcliff Drive - 7075
Haufler, C. W. - Plant Supt, Dairy Husb & Dairy Mfg, Ag Exper Sta - DL .. 339
329 NW 15th St - 3825
Haufler, Mrs. Edna S. - Jr Steno, Dairy Husbandry & Dairy Mfgs,
Ag Exper Sta - DL 108 396
Rt 3, Box 50-D - 7814
Haupt, Charles S. - Assoc Dir, Bureau of Professional Relations,
Pharmacy - LE 318 429
1028 SW 7th Ave
Hauser, Francis L. - Assoc Prof of Real Estate - D 205 578
1823 NW 5th Ave - 6305
Hawk, Miss Miriam E. - Periodicals Asst, Library - LI 591
1208 SW 1st Ave - 8892
Hawke, Mrs. Harriet M. - Bkkpr, Comptroller's Off - AD 2 253
Rt 4, Box 78, Archer Rd - 6620
Hawkins, Harold M. - Asst Prof of Chemical Eng - N 114 317
421 NW 15th St - 5888
Hawkins, J. E. - Prof of Chemistry, Naval Stores Res - LE 340 630
530 NE 10th Ave - 7860
HAY, Don L. - District Supervisor, State Dept of Ed, Vocational
Rehabilitation - SE 704 ..... (outside 3621)
North View - 7903
Hay, Miss Ruth - Gen Duty Nurse - IN 371
Nurses' Home
Hayes, Francis C. - Assoc Prof of Spanish - AN 8 576
2035 NW 7th Lane - 7264
HAYES, Mrs. Lorena W. - Duplicating Equip Op, USDA-PMA - SE Annex .. 238
218 SE 4th Place - 8382
Haygood, Miss Nancy A. - Jr Clerk, Cashier's Off - AD 1 417
Newberry, Fla
Haymans, Hoyt, Sr. - Plumber, Ag Exper Sta - HT Annex 498
Rt 2, Box 183-A - 8487
Haynie, John D. - Exten Apiculturist, Ag Exten Serv - NE 400 329
212 SW 3rd Ave - 4545
Hays, Mrs. Genevra B. - Jr Secy, Gen Exten Div - SE 805 232
914 SW 7th Ave
Hayward, Mrs. Joy L. - Clerk, Bd of Examiners - SE 405 235
607 SE 2nd St
Heath, Fred H. - Prof of Chemistry - LE 102 612
561 NE 7th Ave - 5140
Heck, Robert W. - Instr in Architecture - U 106 330
Apt C, 206 NW 17th St
Heisler, Mrs. Mary R. - Medical Tech, Cancer Research - CR 395
Rt 3, Box 85 MI
Held, Ray E. - Social Sciences Librarian - LI 591
204 NW 18th St - 4404
Henderson, Joseph R. - Exten Agronomist, Ag Exten Serv; Ag Exper Sta -
NE 400 329
Rt 5

Henderson, Leon N. - Prof of Education - YN 231 515
1524 NW 12th Rd - 4967
Hendley, Miss Anne Cecilia - Jr Clerk-Typist, Req Phys Ed - FG 134 244
404 SE 2nd St - 8280
Hendrickson, E. R. - Assoc Prof of Civil Eng - EI 208 203
Apt 10, 1123 NW 1st Place
HENDRIX, Miss Lou W. - Clerk, USDA-PMA - SE Annex 237
310 E University Ave - 5178
Hennes, Jayne - Clerk, Bookstore - SS 665
Flavet I - 9131
Henry, Miss Edgelle - Evening Supervisor - IN 371
Nurses' Home
Henry, Mrs. Ida M. - Multigraph Operator, Duplicating Dept - PG 561
Rt 4, Box 253
Henry, John C. - Tech, Mechanical Eng - BA 102 420
Rt 3, Box 79-A
Herbert, John H. - Lab Asst, Soils, Ag Exper Sta - FL 206 217
741 SW 2nd Ave
Herbert, Thomas W. - Assoc Prof of English - AN 110 306
University Park - 7619
Herndon, Thomas Glenn - Instr in Forestry - HT 412 338
1105 NW 3rd Ave - 7143
Hersperger, Samuel P., Jr. - Asst in Res, Eng Exper Sta - EI 332 308
103 SW 12th St - 4930
Heskin, Oscar E. - Hd Prof of Economics - D 101 631
1769 Ocala Rd; Box 2764, Univ Sta - 3250
Hester, Mrs. Janice P. - Cataloger - LI 591
1730 NW 6th Ave - 7976
Hetenyi, Laszlo J. - Interim Asst Prof of Humanities - AN 102 452
1244 NW 36th Ave; Rt 3, Box 285 1/10 - 7651
Hetrick, Lawrence A. - Asst Prof of Entomology - FL 305 218
1624 NW 12th St - 6974
Hewitt, Russell B. - Carpenter, Maintenance - PG 431
Dukes, Fla
Hicks, Miss Dora Adeline - Assoc Prof of Health Education - FG 303 245
404 NW 14th St - 8687
Hiers, William R. - Tech, Mechanical Eng - BA 102 420
216 SW 1st St - 9102
Higdon, Ben L. - Sgt; Clerk, Training Aids - MI 482
862 Adams St - 8775
Higgs, Mrs. Carolyn K. - Jr Clerk, Comptroller's Off - AD 2 577
114, Flavet II - 9271
Higley, Howard C. - Major; Instr TC - MI 482
900 NW 20th St - 3574
Hill, Clifton C. - Assoc Prof of Eng Mechanics - RE 201 416
Golfview; Box 2277, Univ Sta - 4880
Hill, John E. - Steamfitter's Helper - HP 431
1010 SE 2nd Ave
Hilliard, Miss F. Pauline - Assoc Prof of Elementary Ed - YN 205 518
205 NE 3rd St - 5409

Hilliard, William O. - Apprentice Steamfitter - HP 431
809 SW 2nd Terrace - 5108
Hinckley, Elmer D. - Hd Prof of Psychologv - AD 308 345
Newberry Rd; Box 2007, Univ Sta - 4279
Hines, Vynce A. - Assoc Prof & Coordinator of Ed Res - YN 314 502
6 Stengel; Box 88, Rt 4 - 4770
Hinnant, Albert T. - Painter, Ag Exper Sta - HT Annex 498
Melrose, Fla - 2370
Hixson, Miss Imogene - Cataloger - LI 591
1023 SW 1st Ave - 8230
Ho, Er Chun - Asst in Res, Eng - EI 432 309
102 NW 15th St; Box 2516, Univ Sta
Hobbs, Mrs. Fernelle M. - Jr Steno, Education - YN 326 479
Rt 5, Hibiscus Park - 7912
HOBSON, Mrs. Sarah D. - Clerk-Steno, VA - SE 10th Fl ..... (outside 8691)
PO Box 188, High Springs, Fla
Hodges, Mrs. Carolyn C. - Clerk, Comptroller's Off - AD 2 253
302 NW 14th Ave
Hodges, Henry G. - Lecturer in Industrial Management, Bus Org & Oper -
D 112 584
1006 NW 12th Ave - 6550
Hodges, James R. - Asst Prof of English - AN 207 305
8, Stengel Field - 7786
Hoffman, Paul C. - Asst Prof, Mechanical Eng - EI 523 314
742 NE 9th St
Hogan, John A. - Asst to Gen Mgr, Intercollegiate Ath - FG 201 240
2038 W University Ave - 7997
Holbrook, Hollis H. - Hd Prof of Art - E 123 356
Bivens Arm; Box 2102, Univ Sta - 4979
Holder, Wilbur F. - Hd, Police Dept, Grounds - PG 431
705 NW 10th Ave - 3872
HOLLAND, Miss Beryl C. - Clerk-Steno, USDA-PMA - SE Annex 237
905 NE 7th Ave - 8125
Holliman, V. K. - University Policeman, Grounds - PG 431
Archer Rd
Hollod, Mrs. Helen H. - Sr Clerk, Bd of Univ Examiners - SE 405 235
214-B, Flavet III
Hood, Miss Bobbie Jo - Jr Clerk, Purchasing - AD 102 465
1022 NW 3rd Ave - 6887
Hooker, Chas D. - Sub-Clerk, Post Office - Univ Sta ..... (outside 4981)
Millhopper Rd - 3317
Hooser, Hobart - Line Coach, Intercollegiate Ath - FG 227 242
1125 SW 5th Ave - 8135
Hoover, Mrs. Rhea M. - Sr Steno, Gen Exten Div - SE 906 233
Rt 3, Box 284-R
Hopkins, Mrs. Stella G. - Sr Steno, Admin, Ag Exper Sta - HT 111 491
733 NE 2nd St - 5547
Hopkins, Mrs. Vee W. - Exec Asst, Student Personnel - AD 128 301
805 NE 10th Place - 6694
Horne, Edward P. - Assoc Prof of Psychology - E 101 337
1100 Brower St - 3679

Horner, Earl S. - Asst Agronomist, Ag Exper Sta - NE 306 439
1932 NW 2nd Ave - 5229

Horton, Mrs. Sammie R. - Instr in Req Phys Ed - WG 393
2250 NW 8th St - 7117

Hosey, Max H. - University Policeman, Grounds - PG 431
118 SW 3rd Ave - 8127

HOUGH, Marian M. - Steno, County Agent's Off, PMA - SE 101 ...(outside 5091)
PO Box 24, Archer, Fla

Howard, Everett E. - Interim Hd - IN 371
2245 NW 5th Place - 7355

Howell, Mrs. Audrey C. - Bkkpr-Receptionist, Duplicating Dept - PG 561
320 Waldo Rd - 7862

Hoyman, Miss Mary - Dietitian, Soda Fountain - SS 207
Dietitian's House

Huckabee, Mrs. Sara S. - Library Asst - LI 591
103 NW 10th St - 4655

Hughes, Charles R. - Assoc Prof & Hd, Correspondence Study, Gen Exten Div - SE 906 233
111 NW 10th Ave - 8886

Hughey, Mrs. Myrtle H. - Jr Steno, Ag Econ, College of Ag - FL 103 507
212 E University Ave

Hull, Fred H. - Hd Agronomist, Ag Exper Sta - NE 302 439
Little Gandy - 5137

Hummel, J. O. P. - Assoc Res Eng, Eng Exper Sta - EI 315 370
615 NW 22nd St - 3897

Humphreys, Miss Nelle M. - Sr Steno, Purchasing - AD 102 465
1403 NW 10th Ave - 7500

Hunter, Cody B. - Electrician, Elec Maintenance - PG 431
Box 443, Micanopy, Fla

Hunter, Mrs. Elizabeth F. - Jr Secy, Personnel Off - AD 102 352
212 E University Ave - 1911

HUNTER, Miss Lena R. - Chief Clerk, State Plant Bd - SE 509 (outside 3903)
110 SW 7th St - 3726

Hunter, William A. - Prof of Law - LW 106 353
518 NW 15th St - 6178

Hurff, George B. - Res Econ, Bur of Econ & Bus Res - D 216 536
2256 NW 5th Place - 4336

Hurst, Huber C. - Prof, Bus Organization & Oper - D 110 584
115 NW 12th Terrace - 9835

Hurst, Mrs. Nell A. - Salad Supervisor, Soda Fountain - SS 207
320 NE 12th St - 6383

Husa, William J. - Hd Prof of Pharmacy - LE 302 368
1016 SW 5th Ave

Husmann, Werner E. A. - Interim Prof of Ag Economics - OD 335
1248 SW 4th Ave - 8747

Hustad, Mrs. Myrna S. - Teacher, P K Yonge - YN 115 475
2 Stengel Field; Gen Delivery, City - 4954

Hutcherson, William R. - Prof of Mathematics - WA 210 586
1120 NE 3rd St - 4220

Hutson, Albert D. - Curator, Eng Exper Sta - EI 332 308
320 NE 12th St - 6383

I

Ingle, Mrs. Kelsey H. - Teacher, P K Yonge - YN 323 479
1522 NW 6th Ave - 5388

Ingwalson, Raymond W. - Interim Instr in Chemistry - LE 352 630
1016 NW 4th Ave - 7047

Isbill, Miss Charlotte M. - Jr Secy, Business Office - AD 102 461
116 SE 9th St - 3691

Jack, Mrs. Mila Wilson - Curator of Biology - J 572
Bivens Arm

Jackson, V. T. - Prof of Chemistry - LE 206 516
515 Boulevard - 4080

JACOWAY, Mrs. Lillian M. - Machine Operator, USDA-PMA - SE Annex ... 237
1233 NW 16th Ave - 7094

Jacunski, Edward W. - Asst Prof of Mechanical Eng - EI 507 315
Golfview, Newberry Rd - 5429

Jaffe, Theodore - Interim Asst Prof of Civil Eng - SL 503
Rt 2, Box 88-BB

Jamison, Frank S. - Horticulturist, Ag Exper Sta - NE 303 327
907 NW 22nd St - 7240

Jarvis, Mrs. Dolores G. - Jr Steno, Gen Exten Div - SE 707 520
Rt 2, Box 278 - 6033

Jeffords, J. M. - Forest Foreman, Forestry - Austin Cary Forest, Fairbanks
Austin Cary Forest, Fairbanks, Fla - 2

Jelinek, Mrs. Melvalee T. - Sr Clerk, Personnel Off - AD Inf Desk 449
415 Boulevard, Apt 2 - 7900

Jenkins, Richard B. - Asst in Res, Eng Exper Sta - SL 503
346 Murphree B, Box 2443, Univ Sta

JENKINS, Robert Z. - Program Specialist, Admin Asst, USDA-PMA -
SE Annex 237
1220 NW 4th Ave - 6052

Jennings, Miss Annie - Exec Asst, Bus Mgr's Off - AD 102 461
1616 NW 7th Ave - 8003

Jennings, Miss Edith - Exec Sec, Law - LW 102 353
1616 NW 7th Ave - 8003

Jennings, Roy T. - Assoc Prof of Eng Mechanics - RE 405 416
10 Stengel Field

Jeter, Mrs. Majorie B. - Sr Steno, Education - YN 130 471
212-D, Flavet III

Joel, Mrs. Sally Ann - Jr Steno, Biology - J 572
Apt 8, 1123 NW 1st Place - 5125

Johns, Mrs. Florence L. - Library Asst - LI 591
211 E University Ave - 3975

JOHNS, Miss Luella A. - Dental Asst, VA - SE 10th Fl ..... (outside 8681)
211 E University Ave

Johns, Roe L. - Prof and Hd, Dept of Admin & Field Service - YN 128 471
2215 NW 2nd Ave - 4148

Johnson, Carl H. - Assoc Prof of Pharmacognosy and Pharmacology -
LE 330 267
2141 NW 7th Place - 3769

Johnson, Mrs. Dorothy L. - Sr Clerk, Bd of Univ Exam - SE 405 235
246-R, Flavet III
Johnson, Mrs. Evelyn - Switchboard Operator, Plants & Grounds - PG 431
928 NW 11th Ave
Johnson, Miss Floride C. - Jr Secy, Req Phys Ed - FG 134 244
Apt 20, Michael Hall - 5154
Johnson, Gordon S. - Draftsman, Architect to Bd of Control - E 343
1107 SW 2nd Ave
Johnson, Herschel L. - University Policeman, Grounds - PG 431
118 SW 3rd Ave - 8127
Johnson, James E. - Electrician, Maintenance - MS 431
3334 NW 4th Terrace
Johnson, James O. - Supt, Maintenance, Ag Exper Sta - HT Annex 498
Rt 2, Box 182-A - 3907
Johnson, J. Stuart - Asst Dean, Coll of Eng and Prof of Electrical Eng -
EI 300 311
205 Annis Blvd; Box 2672, Univ Sta - 5804
Johnson, John M. - Exten Ag Engineer, Ag Exten Serv - OH 32 216
NE 5th St - 8508
Johnson, Mrs. Martha - Telephone Operator - AU 222
928 NW 11th Ave - 3908
Johnson, Mrs. Mary M. - Dietitian, Infirmary - IN 371
421 NE 3rd St
Johnson, McMillan H. - Assoc Prof of Architecture - E 182 512
1613 NW 12th Rd - 4876
Johnson, Mrs. Nancy T. - Jr Steno, Real Estate - D 201 578
116 SW 7th St, Apt A
Johnson, O. G. - Tool Checker & Clerk, Central Stores - PG 431
Rt 2, Box 121-B, Hawthorne, Fla
Johnson, R. S. - Registrar - AD 133 226
1118 SW 5th Ave
Johnson, Raymond C. - Asst Res Eng, Eng Exper Sta - SE 1104 236
412 SW 12th St - 7932
Johnson, Roland M. - University Policeman, Plant & Grounds - PG 431
Rt 2, Box 121-B, Hawthorne, Fla
Johnson, Mrs. Sarah E. - Jr Secy, Ag - FL 107 215
110 NW 7th Terrace
JOHNSON, Virginius L. - Rodent Control Specialist, Ag Exten Serv -
HT 305 334
PO Box 131 - 3090
Johnson, William E. - Instr in Electrical Eng - EI 333 309
4105 NW 13th St - 5193
Johnston, Howard J. - Instr in Real Estate, Bus Admin - D 205 578
206 NW 17th St - 4695
Johnston, Morgan K. - Tech, Eng Exper Sta - BA 102 420
Box 61-A-1, Melrose, Fla
JOHNSTON, Mrs. Marguerite K. - Clerk-Steno, VA -
SE 10th Fl .....(outside 8691)
103 SW 12th St - 9832

Joiner, Jasper N. - Asst Editor, Ag Exten Serv & Ag Exper Sta - HT 213 495
711 NW 20th Ave; Rt 1 - 7155

Jones, Miss Anne H. - Admin Asst, Registrar's Off - AD 33 226
1115 SW 3rd Ave - 8147

Jones, Miss Donna L. - Traffic Mgr, WRUF - RA 468
214 NW 14th St - 6558

Jones, E. Ruffin, Jr. - Prof of Biology - C 575
1004 SW 6th Ave - 5466

Jones, Miss Fannie - Gen Duty Nurse - IN 371
1112 NW 6th Ave - 6763

Jones, Mrs. Helen T. - Sr Library Asst, Library - LI 591
1227 SW 4th Ave - 7804

Jones, John P. - Assoc Prof of Journalism - K 201 369
840 NW 20th St - 8865

Jones, Oscar F. - Assoc Prof of German - AN 3-B 576
1130 SW 8th Ave - 8383

Jones, Wayland, Jr. - Capt; Instr, FA, Military - MI 482
Hibiscus Park - 5579

Jones, W. Ellis - Asst Bus Mgr - AD 102 461
1214 SW 1st Ave - 7312

Jorda, Louis D., Jr. - Sgt; Clerk, Student Records, Military - MI 636
Rt 5, Box 372 - 5317

Judge, Mrs. Jane C. - Jr Clerk-Typist, Gen Exten - SE 906 233
214-D. Flavet III

K

Kaelber, Mrs. Eleanor - Jr Steno, Eng Mechanic - N 125 316
229-U, Flavet III

Kahn, Sanders A. - Asst Prof of Bus Admin - D 205 578
1716 NW 2nd Ave - 7489

Kalkman, Mrs. Louise L. - Sr Steno, Electrical Eng - EI 336 309
255-U, Flavet III

Karp, J. Robert - Asst Prof of Economics - D 120 277
321 SW 13th St - 5673

Kates, J. J., Jr. - Herdsman, Ag Exper Sta - Farm .....(outside 6761)
Box 2842, Univ Sta

Katterhenry, Arnold A. - Asst Prof of Civil Eng - EI 203 203
805 NE 11th Ave - 3705

Keene, Rupert A. - Tech, Eng Exper Sta - EI 405 311
217 NE 1st St

Kelley, Forrest M., Jr. - Assoc Prof of Architecture - U 105 330
2210 NW 2nd Ave - 8360

Kelly, Charles J. - Capt; Instr, Military - MI 613
1029 NE 10th Place - 5060

Kelly, William H. - Lab Asst, Soils, Ag Exper Sta - NE 110-A 567
205 NE 3rd St

Kendrick, William J. - Inventory Clerk, Housing - MU 249
729 NW 10th Ave - 6010

Kennedy, John W. - Asst Prof of Economics - D 111 277
716 NW 9th Ave - 9837

Kennedy, Mrs. Patricia F. - Sr Clerk, Intercollegiate Ath - FG 201 240
236-D, Flavet III

Keon, Mrs. Joan E. - Tech, Eng Exper Sta - SE 1104 236
202-R, Flavet III

Kerkesner, Wm. C. - Custodian of Equip, Intercollegiate Ath - FG 541
1017 NE 12th Ave - 8866

Kerrigan, Mrs. Majorie L. - Editorial Asst, Univ Press - LW 5th Fl 292
425 NW 19th Ave - 9895

Kessler, William J. - Asst Res Eng, Eng Exper Sta - EI 332 308
413 NW 3rd Ave - 3157

Khoury, Albert J. - University Physician, Infirmary - IN 371
Infirmary - Ext 371

Kidd, Kenneth P. - Assoc Prof of Education - YN 312 502
Bivens Arm; Rt 2, Box 84-E - 3849

Kiker, John E., Jr. - Prof of Civil Eng - EI 208 203
1515 NW 7th Place - 8714

Kilby, John D. - Asst Prof of Biology - H 501
Rt 3, Box 276½ - 7895

Killinger, Gordon B. - Prof of Agronomy, Ag; Agronomist, Ag Exper Sta -
NE 310 439
1238 SW 9th Rd - 6874

Kilpatrick, Wylie - Res Economist, Bur Econ & Bus Res - D 217 536
707 NW 20th St - 5159

Kimbrell, Miss H. Marguerite - Exec Asst to Dir of Ag Exten Serv -
HT 105 496
407 NW 15th St - 3424

KIMBRELL, Miss Winnie L. - Clerk, USDA-PMA - SE Annex 237
407 NW 15th St - 3424

Kimmel, Albert L. - Asst Prof of Chemical Eng - N 114 317
407 SE 6th Terrace - 8986

Kimmel, Donald C. - Asst Marketing Econ, Ag Exper Sta - OD 445
808 NW 13th St - 5993

King, C. Andrew - Supt, Transportation - T 431
Box 469 - 4452

King, Miss Dorothy L. - Asst Cashier, Cashier's Off - AD 1 417
1245 SW 9th Rd - 5133

King, Edward L. - Curator, Pharmacy - LE 322.1 542
Windsor, Fla

KING, Mrs. Jewell S. - Fiscal Clerk, USDA-PMA - SE Annex 238
N 13th St; PO Box 469 - 4452

Kinsey, Alton J. - M/Sgt; Sgt Major, Military - MI 613
914 NE 14th Ave - 6891

Kirk, Miss Rosa E. - Jr Clerk-Typist, Engineering - EI 308 311
604 NW 13th St - 9832

Kirkland, Mrs. Anna C. - Night Telephone Operator - AU 222
905 E University Ave - 7614

Kirkland, Edwin C. - Assoc Prof of English - AN 208 524
Kirkwood, Rt 2 - 8122

Kirst, Miss Mary J. - Lab Asst, Horticulture, Ag Exper Sta - NE 314 327
911 SW 1st Ave - 5059
Kitching, A. Eugene - Teacher, P K Yonge - YN 230 515
705 NE 9th Ave - 6046
Kite, Neebit R. - Plumber, Maintenance - PG 431
Rt 3, Box 41½ - 5837
Kittel, Mrs. Barbara B. - Jr Clerk-Typist, Gen Exten Div - SE 806 231
52-O, Flavet I
Klapka, Miss Mary - Asst Dietitian, Food Service - CA 661
Dietitian's House
Klein, Mrs. Grace L. - Mail Clerk - E 187 225
110 NW 7th Terrace - 5493
Klonis, Mrs. Basiliki - Jr Steno, Editorial & Mailing Rm, Ag Exper Sta -
HT 121 497
209 SE 8th St
Knabb, Miss Frances N. - Sr Steno, Editorial Dept, Ag Exten Serv -
HT 215 495
1930 NW 2nd Ave - 6451
Knapp, Miss Mary E. - Record Clerk, Infirmary - IN 371
1022 NW 3rd Ave - 6887
Knight, Conrad W. - Interim Teacher, P K Yonge -YN Shop 474
907 SW 6th Ave
Knight, Joe L. - Warehouse Man, Central Stores - PG 431
502 SE 2nd St - 7723
Knowles, Harold L. - Prof of Physics - BN 101 310
1424 NW 12th Rd - 7450
Knowles, Robert L. - Interim Instr in English - AN 207 305
628 SW 9th St - 5725
Knox, Miss Margaret E. - Hd, Ref & Bibliography Dept, Library - LI 591
108 SW 10th St - 5559
Kokomoor, Franklin W. - Prof of Mathematics; Chairman of Fundamental
Mathematics - WA 205-B 586
1418 NW 3rd Ave - 6386
Koruturk, Sadi S. - Asst Prof of Architecture - E 118 384
1119 SW 1st Ave - 4573
Kramer, Mrs. Anita - Sr Steno, Political Science - PE 204 585
311 NW 17th St - 6497
Krastin, Karl - Asst Prof of Law - LW 210 353
Hibiscus Park - 7425
KRAUS, Gomer E., Jr. - Draftsman, Architect to the Bd of Control -
PE 204 343
710 NW 14th Ave - 8039
Kresen, Stephen F. - T/Sgt; Instr, Freshmen, Military - MI 613
Rt 1, Micanopy, Fla - 2545
Krienke, Walter A. - Assoc Prof, Coll of Ag; Assoc Dairy Technologist,
Husb & Dairy Mfgs, Ag Exper Sta - DL 102 396
Palm Terrace - 8087
Krig, Mrs. Virginia W. - Jr Clerk, Bookstore - SS 569
210 NW 14th Ave - 6270
Krivoshein, Mrs. Juliana I. - Jr Secy, Infirmary - IN 371
1022 NW 3rd Ave - 3925

Kuitert, Louis C. - Assoc Entomologist, Ag Exper Sta - NE 201 323
1311 NW 8th St - 5994

Kurth, Arthur L. - Asst Prof of French & Italian - AN 111 576
1025 NW 12th Ave - 3694

L

Ladd, Mrs. Eula R. - Jr Steno, Ag Exten Serv - HT 301 331
244-E, Flavet III

Laessle, Albert M. - Asst Prof of Biology - O 575
Hartman Ave - 5787

LAGASSE, Fleix - Sr Horticulturist, USDA, Ag Exper Sta - TL ...(outside 3906)
14 NE 10th St - 7070

Laird, Mrs. Dorothy S. - Instr in Education - YN 242 477
1104 SW 7th Ave

Laird, Mrs. Gladys O. - Teacher, P K Yonge - YN 234 515
19 NE 11th St - 5560

LaMontagne, Mrs. Willie - Chief Telephone Operator - AU 222
Box 2105, Univ Sta; Hartman Ave - 7705

Lancaster, Charlie H. - Asst Supervisor, Heating Plant - HP 431
8 SW 10th St - 9239

Lang, Gaines B. - Assoc Prof of Mathematics - PE 9 587
1617 NW 10th Ave - 6372

Lang, Mrs. Lois - Admin Asst, Ag Exper Sta - HT 113 366
327 NW 17th St - 4670

Langford, Mrs. Betty T. - Library Asst, Library - LI 591
1412 NW 3rd Ave

Lanham, James S. - Hd Prof of Accounting - A 571
Rt 2, Kirkwood - 5107

Lankford, Samuel R. - Trainer, Intercollegiate Ath - FG 541
302 NW 19th St

Larrick, Thomas - Prof of Architecture - E 184 512
730 NE 9th Ave - 7407

Larry, Miss Cynthia - Asst Prof of Speech - AD 324 346
2211 W University Ave - 6276

Larsen, W. F. - Asst Prof of Political Science and Dir, Public Admin
Clearing Serv - PE 204 585
Rt 5, Poinsettia St - Hibiscus Park

Larsson, Eric J. - Tech, Aeronautical Eng - BA 102 420
608 NE 1st St

Lastinger, Robert - Carpenter, Maintenance - MS 431
Rt 1, Box 292-A

Latour, Miss Laurel McGinley - Jr Steno, Reading Lab and Clinic -
AN 310 379
307 NE 3rd St - 3725

Latour, Marinus H. - Asst Prof of Electrical Eng - EI 332 308
921 SW 6th Ave - 7154

Lauter, Werner M. - Prof of Pharmaceutical Chemistry - LE 420 429
919 SW 6th Ave - 5195

Lawrence, Fred Parker - Citriculturist, Ag Exten Serv - NE 402 329
1110 NW 16th Ave - 5525

Lawrenson, Raymond E. - Assoc Prof of Music - R 132 671
117 NE 8th St
Lawson, Stanton C. D. - Assoc Prof of Eng Mechanics - RE 201 416
1026 NW 14th Ave - 7382
Layne, Miss Pauline - Jr Secy, Dairy Husb & Dairy Mfg, Ag Exper Sta -
DL 339
313 NW 11th St
Leach, Robert W. - Announcer, WRUF - RA 468
Radio Station WRUF - Ext 468
Leach, Mrs. Ruth - Librarian, Florida Union - FU 204 212
219-S, Flavet III
Leavitt, Benjamin B. - Asst Prof of Biological Sciences - H 501
2116 NW 7th Lane - 4516
LEDBETTER, James E., Jr. - Letter Carrier, Post Office - Univ Sta .....
Univ Sta ..... (outside 4981)
1631 NW 5th Ave - 4622
Leddon, Mrs. Lillian, G. - Jr Secy, Intercollegiate Ath - FG 228 242
Rt 2, Box 278 - 6033
Lee, A. K. - Asst Comptroller - AD 2 522
1514 NW 3rd Ave - 7408
Lee, James D. - Carpenter, Maintenance - MS 431
111 SE 4th Ave
Lee, Mrs. Laura B. - Jr Steno, Admin, Ag Exper Sta - HT 113 366
237-R, Flavet III
Lee, Permillas A. - Instr in Req Phys Ed - FG 134 244
16 NW 20th Drive - 4089
Lee, Robert C. - Asst Prof of English - AN 207 305
13 Stengel Field - 8255
Leenhouts, Miss Laura N. - Asst Prof of Education - YN 117 518
1110 SW 3rd Ave - 4455
Leggett, James T. - Assoc Prof of Mechanical Eng - F 105 421
NW 12th Rd, Rt 5 - 3855
Leonard, Mrs. Jean - Jr Clerk, Registrar's Off - AD 135 226
115 SE 4th St - 6382
Leps, Joseph M. - Prof of School Admin, Education - YN 130 471
217 NE 6th Ave - 6796
Levine, Norman - Tech, Eng Exper Sta - BA 102 420
Rt 1, Box 4-A, Melrose, Fla - 594-M
Lewis, Charles A. - Capt; Instr, TC, Military - MI 482
920 NW 20th St - 7831
Lewis, Clark S. - Asst Circulation Librarian, Library - LI 591
Rt 5, Hibiscus Park
LEWIS, Mrs. Constance S. - Steno, SDA, Dairy Div - SE 408 .... (outside 3732)
102 SW 7th St - 6147
Lewis, Hal G. - Prof & Acting Hd, Foundations, Ed - YN 239 477
1230 SW 9th Rd - 5866
Lewis, H. Kenneth - Asst Prof of Mathematics - PE 12 587
312 NW 10th St - 6372
Lifsey, Mrs. Gladys S. - Library Asst, Library - LI 591
216 SW 4th Ave - 4810

Liles, Miss Annette L. - Humanities Librarian, Library - LI 591
Apt A, 1123 SW 5th Ave - 5046
Lindsey, Harry L. - Asst Prof of Architecture - E 156 511
Rt 5 - 7765
Litherland, Allyn C. - Interim Instr in Mathematics - WA 102 586
1122 NW 12th Ave - 8973
Little, Herschel W. - Asst Ag Economist, Ag Exper Sta - HT 311 333
2117 NW 9th Ave - 5840
Little, Winston W. - Dean, University College - AD 204 300
1227 SW 4th Ave
LIVINGSTON, Mrs. Ida J. - Secy, Amer Camellia Society - Fumi Lab 568
444 NW 31st Lane - 9844
Lloyd, Mrs. Margie J. - Jr Steno, Gen Exten Div - SE 903 234
1320 NE 2nd Ave - 9146
Loft, Bernard I. - Instr in Req Phys Ed - FG 134 244
1012 SW 3rd Ave - 5640
Loften, William T. - Assoc Prof of Ag Education - YN 152-B 430
210 SE 6th St - 7855
Lohmeyer, George Thomas - Lab Tech, Sewage Treatment Plant - ST 431
1125 SW 4th Ave
Long, Miss Charlene - Library Asst, Library - LI 591
321 NE 3rd St - 8020
LONG, Mrs. Sue M. - Social Worker - VA - SE 10th Fl ..... (outside 8681)
2539 Sunset Drive - 9865
Long, W. P. - Dir, Food Service - CA 661
2159 NW 9th Ave - 9865
Lorz, Albert P. - Horticulturist, Ag Exper Sta - NE 409 327
Rt 1, Micanopy, Fla - (Micanopy) 2543
Loucks, Mrs. Caroline B. - Jr Secy, Bookstore - SS 665
111 NE 10th St - 8879
LOVEJOY, Miss Elita - Office Asst, State Plant Bd - SE 507 .. (outside 3903)
15 SE 7th St - 5017
Lovell, John T. - Teacher, P K Yonge - YN 230 515
503 NE 4th Ave - 9856
Lowe, Mrs. Joan D. - Library Asst, Ag Library - HT 209 328
406 SW 12th St; Box 2402, Univ Sta
Lowe, Mrs. Mary N. - Bindery Clerk, Duplicating - PG 561
116 SW 7th St , Apt D
Lowry, Mrs. Billie - Jr Clerk-Typist, Registrar - AD 33 226
415 Boulevard, Apt 1
Lowry, William L. - Assoc Prof of Journalism - K 201 597
1208 NW 16th Ave - 6728
Lucas, Miss Eleanor S. - Sr Cataloger, Library - LI 591
1117 NW 3rd Ave, Apt 4
Luck, Thomas J. - Asst Prof of Labor Economics - D 111 277
1118 NW 1st Place, Apt 5
LUNSFORD, Henry C. - Training Officer, VA - SE 10th Fl ..... (outside 8691)
1923 NW 5th Ave - 6067
Lupkiewicz, Joseph V. - Assoc Prof of Music - R 114 671
1070 NE 13th Place - 8129

Luther, Mrs. Edith A. - Library Asst, Library - LI 591
923 NE 7th Ave - 6468
LYLE, Clifford A. - County Assn Auditor, USDA-PMA - SE Annex 238
413 SE 8th St - 6980
LYLE, Julia Y. - Secy, USDA-PMA - SE Annex 238
413 SE 8th St - 6980
Lyman, Miss Mary Lee - Library Asst, Library - LI 591
Alachua, Fla - 2561
Lyons, Edward - Lecturer in Chemistry - LE 150 483
1031 NE 8th Ave
Lytle, Andrew N. - Lecturer in English - OJ 1 428
1822 NW 8th Ave - 6021

Mc

McAlister, Miss Clara L. - Librarian, P K Yonge - YN 214 476
1005 SW 6th Ave - 4365
McAlister, Lyle N. - Interim Instr in Social Sciences - PE 110 654
1929 NW 2nd Ave
McAllister, Mrs. Kathryn B. - Jr Steno, Economics, Bus Admin - D 103 277
Gen Del, Univ Sta - Newberry Rd
McAllister, Samuel J. - Asst Hd Basketball Coach, Intercollegiate Ath -
FG 227 242
1927 NW 13th St - 8604
McARTHUR, Owen P. - Program Specialist, USDA-PMA - SE Annex 237
404 NE 2nd Ave - 3125
McAulay, Mrs. Lucille - Sr Secy, Admin, Ag - FL 106 696
1209 NW 4th Ave - 7283
McCachren, James R. - Asst Prof of Req Phys Ed - FG 134 244
419 NW 20th St - 5018
McCall, John T. - Lab Asst in Animal Nutrition, Ag Exper Sta - NL 340
Box 2417, Univ Sta; NW 13th St - 4762
McCall, Wade W. - Asst Prof of Soils - OG 16 286
1922 NW 4th Ave - 7114
McCOLLUM, Gene M. - Sub Clerk, Post Office - Univ Sta ..... (outside 4981)
1811 NW 6th St - 7737
McCann, Charlie H. - Cabinet Maker, Maintenance - MS 431
Box 253, McIntosh, Fla - 8018
McCann, Miss Sarah B. - Sr Clerk-Steno, Payroll - AD 102 221
1930 NW 2nd Ave - 6451
McCarty, M. E. - Interim Asst Prof of Mathematics - PE 6 587
312 NW 10th St - 6372
McChesney, W. W. - Univ Physician - IN 371
2204 NW 5th Place - 8397
McCLANAHAN, H. S. - Grove Inspector, State Plant Bd -
SE 507 ..... (outside 3903)
3611 NW 13th St - 8117
McClellan, Miss Margaret C. - Instr in Speech - AD 321 347
2053 NW 3rd Ave - 6508
McClelland, Hayes K. - Adviser to Student Org - AD 128 383
1823 NW 5th Ave, Apt 3

McCloud, Darell E. - Asst Prof of Agronomy - FL 302 615
907 NW 25th Ave - 6695
McCollum, Mrs. Agnes D. - Sr Steno, Admin, Ag Exper Sta - HT 113 366
1628 NW 3rd Place - 7185
McCracken, James E. - Hd Resident, Tolbert Hall - TO 295
Tolbert Hall - Ext 295
McCracken, Miss Janet - Asst Prof of Education - YN 205 518
1527 NW 8th Ave
McCracken, Miss Mary Ruth - Teacher, P K Yonge - YN 224 476
1527 NW 8th Ave
McCulloch, Mrs. Yvonne F. - Voucher Clerk, Cashier's Off - AD 2 401
110 NW 15th St
McDonald, Mrs. Ruby - Jr Steno, Ag Exten Serv - OH 30 216
253-S, Flavet III, Box 2162, Univ Sta
McDowell, Mrs. Jewel C. - Jr Secy, Chemistry - LE 200 486
Gen Del, Univ Sta, Hawthorne Rd
McEachern, Mrs. Floy M. - Instr, P K Yonge - YN 147 263
522 NW 27th Ave - 8123
McFarlin, Mrs. Judithe S. - Sr Secy, President's Off - AD 226 455
1107 SW 1st Ave - 9806
McFerrin, John B. - Hd Prof of Bus Org & Oper - D 102 584
507 NW 19th St - 8478
McGowan, Mrs. Doris M. - Bkkpr, Central Stores - PG 431
Gen Del
McGregor, James A. - Asst Animal Industrialist, Ag Exten Serv - HT 301 331
307 NE 10th St - 5961
McGriff, C. A. - Sr Campus Mail Carrier - E 187 225
1136 SE 2nd Ave - 4140
McGriff, Jack - Asst Prof of Professional Phys Ed - FG 303 245
805 NE 9th Ave - 8904
McHugh, Mrs. Miriam C. - Staff Asst, News Bureau - AD 138 288
Box 3641, Univ Sta
McInnis, Sam W. - Asst Prof of Mathematics - PE 9 587
1241 SW 3rd Ave - 6342
McIntosh, P. R. - Assoc Prof of Art - C 110 448
Rt 3, Bivens Arm - 7818
McIver, Miss Myrtle E. - Housekeeper - IN 371
Nurses' Home - 371
McKee, Donald H. - Mgr, P K Yonge Cafeteria - YN CA 382
415 Boulevard, Apt 5 - 3453
McKeown, Mrs. Jane S. - Sr Steno, Biology - LE 114 275
Rt 3, Box 83-H
McKinley, Miss Evelyn L. - Sr Steno, Architecture - E 125 606
Apt 5, 1823 NW 5th Ave - 5825
McKinnon, Mrs. Mary J. - Library Asst, Library - LI 591
Arlington Apts, Apt 7 - 9148
McKissock, George D. - Instr in Mechanical Eng - EI 548 314
311 SE 8th St - 4789
McLAUREN, Mrs. Mamie Annie - Clerk, USDA-PMA - SE Annex 237
1928 NW 1st Ave - 6669

McLendon, H. S. - Exten Soil Conservationist, Ag Exten Serv - HT 305 ... 334
920 SW 1st Ave - 7042
McLendon, Miss Ida Ruth - Asst Prof of Education - YN 238 477
933 SW 5th Ave - 8012
McLeod, Marion E. - Carpenter, Housing - MU Basement 451
112 NW 2nd Ave
McLeod, Thomas G. - Storeroom Mgr, Food Service - CA 205
1906 NW 2nd St - 8032
McLeran, Miss Lou Nita - Bindery Clerk, Duplicating Dept - PG 561
106 SE 6th St - 6844
McMullen, Kenneth S. - District Agent, Ag Exten Serv - HT 217 350
412 NW 17th St - 6908
McNairy, Miss Alice H. - Sr Library Asst - LI 591
1227 SW 4th Ave - 3542
McPheeters, E. Keith, - Instr in Architecture - U 102 330
301 NE 10th St
McQuitty, John V. - Univ Examiner, Bd of Examiners - SE 405 235
Kirkwood - 4852
McSwine, Mrs. Josephine H. - Home Demonstration Agent, Ag Exten Serv--
SE ..... (outside 5071)
1127 SW 1st Ave
McVoy, James D. - Asst Prof of Architecture - U 104 330
Rt 2, Rocky Point Rd

M

Maag, Mrs. Margaret C. - Sr Statistical Clerk, Bur of Econ & Bus Res -
D 214 536
233-R, Flavet III
Macdonald, William D. - Assoc Prof, Law - LW 206 353
Apt 10, 1823 NW 5th Ave - 6005
Macdonell, John N. - Night Supervisor, Housing - MU 249
Rt 2, Box 75
Mace, Mrs. Lorine W. - Jr Steno, Library - LI 20 591
911 NE 3rd Ave - 7279
MacGowan, Miss Winifred C. - Sr Clerk, Student Personnel - AD 128 301
110 NW 21st St -3188
Mack, Miss Wilda - Teacher, P K Yonge - YN 203 476
217 SE 2nd Place - 5751
Mackemer, J. W. - Res Mgr, Flavet III, Sec 1, Housing 583
241-A, Flavet III
Maclachlan, John M. - Hd Prof of Sociology & Anthropology - PE 317 487
1908 NW 7th Lane - 8818
MacLean, Mrs. Georgia M. - Jr Steno, Geography - OF 6 579
812 W University Ave
MacLeod, Malcolm L. - Assoc Prof of English - AN 301 305
12 Stengel Field - 8119
Madden, Mrs. Patricia B. - Jr Clerk-Typist, Gen Exten Div - SE 805 232
Ideal Trailer Park
Magee, Clarence H. - Tech, Eng Exper Sta - EI 332 308
Apt T-101, Alachua Airbase

Maguire, Miss Lillian I. - Teacher, P K Yonge - YN 218 476
1251 SW 3rd Ave
Maharrey, Mrs. Elizabeth T. - Jr Typist, Housing - MU 246
232 NW 1st Ave
Maloney, Frank E. - Assoc Prof of Law - LW 205 353
1404 NW 9th Ave - 6119
Mandley, Grover K. - Custodian, Janitorial - AD 15 531
Gainesville Court, Cabin 9 - 4861
Markham, Miss Celeste L. - Tab Oper, Comptroller's Off - AD 23 272
1527 NW 6th St - 3688
Marks, Ray C. - Asst Dir Non-Academic Personnel - AD 102 352
1106 NW 1st St
Marsh, Mrs. Mildred T. - Asst Dietitian, Food Service - CA 661
239-R, Flavet III
Marshall, Hubert R. - Instr in Political Science - PE 204 585
1022 NE 3rd Ave - 6545
Marshall, Mrs. Lula M. - Sr Secy, Plant Pathology, Ag Exper Sta -
NE 102 322
725 NW 15th St - 8757
Marshall, Sidney P. - Assoc Prof, Ag Exper Sta - DL 103 396
Rt 3, Box 283-FM - 8578
Martin, Mrs. Charlene P. - Library Asst - LI 591
Rt 3, Box 286
Martin, Fletcher - Visiting Prof of Art - WA 302 628
909 NW 9th St
Martin, Miss Helen E. - Jr Steno, Agronomy - FL 302 615
Rt 5, Newberry Rd - 7024
Martin, James A. - Instr, Bur of Vocational Guidance - AD 315 345
1026 NW 12th Ave - 7914
Martin, John F. - Dir, Latin Amer Student Affairs - FU 308 454
414 NE 6th St - 7410
Martin, Mrs. Marietta E. - Mdse, Clerk, Bookstore - SS 665
233-T, Flavet III
MARTIN, Mrs. Rebekah M. - Sub Clerk, Post Office Univ Sta ... (outside 4981)
915 NE 7th Place
MARTIN, Roe M. - Chief, Guidance Center, VA - SE 10th Fl .... (outside 8691)
889 Oak Park Ave - 7930
Martin, Mrs. Ruth L. - Chief Clerk, Registrar's Off - AD 29 226
1208 SW 1st Ave
Martinez, Mrs. Juanita E. - Jr Clerk, Registrar's Off - AD 33 226
1311 NW 7th Ave
Martinson, Earl P. - Interim Hd Prof of Industrial Eng - EI 313 370
1803 NW 7th Ave - 6534
Mase, Darrel J. - Coordinator of Clinical Services - AD 339 526
1089 SW 11th Terrace - 6384
Mashburn, Mrs. Juliane J. - Jr Steno, Eng Exper Sta - EI 300 311
213-T, Flavet III
Mask, Joe T. - Sgt 1cl; Armorer - MI 482
Rt 2, Box 125-H
Mason, Mrs. Gertrude P. - Sr Steno, Ag Exten Serv - HT 307 332
1423 NW 8th St - 9559

Mason, Roy H. - Instr of Mathematics - PE 12 587
1223 NW 6th St - 8659
Mason, William H. - Office Mgr - PG 431
Rt 2, Box 76-C - 9849
Matherly, Walter J. - Dean, Bus Administration - AN 204 303
620 Boulevard - 5833
Mathews, Mrs. Elizabeth W. - Sr Secy, Purchasing - AD 102 464
1124 NW 13th Ave; Box 2376, Univ Sta - 6198
Mathis, Mrs. Miriam L. - Library Asst, - LI 591
515 NE 1st St - 4855
Matosoff, Mrs. Monica - Sr Steno, Gen Exten Div - SE 805 232
Reisen's Trailer Park - 6033
Mattheus, Miss Loca - Key Punch Operator, Comptroller's Off - AD 2 253
413 SW 2nd Ave - 5549
Matthews, Charles A. - Asst Prof of Finance - D 109 584
1626 NW 7th Ave - 3407
Matthews, D. R. - Dir, Alumni Affairs - AU 214
Kirkwood - 3955
Matthies, William R. - Assoc Prof of Accounting - A 571
1535 NW 7th Place - 3828
Matthis, Miss Berry B. - Bookkeeper, Comptroller's Off - AD 2 253
212 Annis Blvd - 7734
Mattox, Mrs. Barbara E. - Lab Tech, Photographic - L 402
Little Gandy, Box 366 - 4818
Mauderli, Max O. - Asst Prof of German - AN 111 576
929 NW 10th Ave
Mausert, Mrs. Edith S. - Jr Secy, Education - YN 202 620
117 NW 2nd Ave; Box 2169, Univ Sta
Mautz, Robert B. - Asst Prof of Law - LW 213 353
1722-D NW 2nd Ave - 7181
Maxwell, Hugh C., Jr. - Asst Prof of Education YN 308 502
2158 NW 9th Ave - 5004
May, Miss Elizabeth M. - Assoc Resident, Reid Hall - RI 695
Reid Hall - 695
May, Lester N. - Draftsman, Architect to Bd of Control - E 343
824½ E University Ave
Maynard, Jack W. - 1st Lt: Asst Prof, Air Science & Tactics - MI 613
1915 NW 5th Ave - 6374
Maynard, Stanley G. - Major; Asst Prof, Military Sc & Tactics - MI 482
202 Annis Blvd - 7369
Maynard, Zollie M. - Asst Prof in Req Phys Ed - FG 134 244
1938 NW 4th Ave - 5114
Mayo, Mrs. Frances C. - Gen Duty Nurse - IN 371
Box 3057, Univ Sta
Mays, Miss Mary F. - Lab Asst, Dairy Husb & Mfgs, Ag Exper Sta -
DL 105 339
825 NE 3rd Ave - 3403
Mead, A. R. - Prof Emeritus, Education - YN 143 588
117 NW 20th Terrace - 6262
Meadows, Miss Laura L. - Book Clerk, Bookstore - SS 665
111 NW 7th Terrace

Means, Miss Etta V. - Clerk-Librarian, Forestry - HT 414 591
3221 NW 6th St - 7324

Means, Samuel A., Jr. - Sr Accountant, Comptroller's Off - AD 2 219
1627 NW 6th Ave - 7906

Meek, Miss Joanne - Clerk-Typist, Housing - MU 246
1013 SW 4th Ave - 3577

Mehrhof, N. R. - Hd, Dept of Poultry Husb, Ag Exper Sta - PO 564
405 SW 10th St - 3476

Melton, Holmes, Jr. - Asst Dir, Alumni Affairs - AU 271
PO Box 3535, Univ Sta

Merrill, Miss Eleanor L. - Sr Typist, Bd of Exam - SE 405 235
203 NW 15th St - 7720

MERRILL, G. B. - Entomologist, State Plant Bd - SE 602 ..... (outside 3903)
203 NW 15th St - 7720

MERRILL, W. H. - Quarantine Insp, State Plant Bd - SE 507 ..... (outside 3903)
Rt 2, Hibiscus Park - 8538

Meyer, Harvey K. - Assoc Prof, Trade and Ind Education - YN 302-A 357
1404 NW 11th Rd; Box 2555, Univ Sta - 6072

Meyer, Herbert A. - Assoc Prof of Mathematics - WA 201-A 586
1929 NW 7th Lane - 8668

Michaels, Mrs. Virginia D. - Sr Steno, Personnel - OJ 428
206-C, Flavet III

Millar, Miss Jane - Instr in Req Phys Ed - WG 393
321 NE 9th St - 5370

Miller, Mrs. Elizabeth - Assoc Resident, Mallory Hall - MA 392
Mallory Hall - 392

Miller, George J. - Prof of Law - LW 110 353
1040 NE 6th St - 8362

Miller, H. N. - Assoc Plant Pathologist, Ag Exper Sta - NE 102 322
1329 NW 6th St

Miller, J. Hillis - President of the University - AD 226 455
224 NE 10th Ave - 8803

Miller, Jack F. - Shop Foreman, Transportation - T 431
Rt 5, Box 191-A

Miller, James W., Jr. - Assoc Prof, Forestry - HT 411 338
Bivens Arm - 5123

Millett, Walter E. - Instr in Physics - BN 101 310
411 Boulevard, Apt 4

Millican, Charles N. - Instr in Economics - D 122 277
1018 NW 4th Ave - 7308

Millican, George C. - Instr in Architecture - U 104 330
208 Annis Blvd - 6585

Millican, Mrs. Grace T. - Sr Secy, Architecture - E 119 505
1426 NW 8th St - 5747

Mills, Mrs. Mozelle S. - Secy, Univ Athletic Assn - AN 204 303
3219 NW 14th St; Rt 3, Box 285-H - 7329

Mills, Mrs. Norma Z. - Chief Payroll Clerk - AD 102 221
Rt 2, Box 188-A-4

Millsap, Miss Muriel M. - Asst Dietitian, Food Service - YN CA 382
Dietitian's House

Mimbs, Miss Jeraldine - Clerk, Comptroller's Off - AD 2 523
224 SW 2nd Place - 7714
Mims, Mrs. Bernice A. - Assoc Prof & Hd, Dept of Gen Inf & Serv - Gen Exten Div - SE 806 231
1026 NW 10th Ave - 4083
Mims, Mrs. Lucile L. - Jr Clerk, Bd of Examiners - SE 405 235
Rt 3, Box 286
Minnick, Miss M. Evelyn - Jr Clerk, Gen Exten Div - SE 908 519
1824 NW 5th Ave - 4083
Mitch, George F. - Interim Asst Prof of Economics - D 113 389
910 SW 7th Ave; Box 2358 - 8298
Mitchell, Mrs. Jean O. - Instr in Education- YN 206 476
86 Briarcliff Drive, Golfview, Rt 5 - 5849
Mixon, William T. - Field Asst, Agronomy, Ag Exper Sta - Farm ..... (outside 6716)
205 SE 10th Ave - 6080
Mixon, Mrs. Anita - Voucher Clerk, Cashier's Off - AD 2 401
Rt 2, 1409 SE 1st Ave
Mixson, Mrs. Laura K. - Jr Secy, Ag Exten Serv - HT 300 334
1013 SW 4th Ave - 3577
Mixson, Morris D. - Stockroom Clerk, Chemistry, - LE 109 266
Rt 1, Box 78, Micanopy, Fla
Mizell, James P. - Operator, Sewage Treatment Plant - ST 514
Box 72, Waldo, Fla
Monday, Thomas A. - Field Asst, Agronomy, Ag Exper Sta - Farm ..... (outside 6761)
712 N Main St - 3643
Monroe, Mrs. Mary D. - Sr Steno, Gen Exten Div - SE 908 519
1041 NE 9th Ave - 8142
MONTGOMERY, Carl T. - Structural Eng to Architect to Bd of Control - E 343
1203 SW 2nd Ave - 4833
Mooney, E. Gordon - Instr in Req Phys Ed - FG 134 244
Rt 1, Box 123-A - 7435
Mooney, Mrs. Odessa S. - Sr Secy, Pharmacy - LE 320 488
Rt 1, Box 123-A - 7435
Moore, Miss Elizabeth A. - Jr Typist, Physical Sciences - BN 202 377
1906 E University Ave
Moore, Mrs. Hazel E. - Jr Steno, Art - E 123 356
915 SW 6th Ave
Moore, James F. - Instr in Accounting - A 571
1830 NW 2nd Ave
Moore, Julian S. - Extension Poultryman - PO 564
1050 Brower St - 3553
Moore, William E. - Prof of Humanities & Student Counsellor - AD 204 300
1603 NW 10th Ave - 4958
Moorman, John H. - Prof & Hd of Bus Education - YN 308 502
1008 NW 21st St - 7892
Morales, Julio A. - Instr of Mathematics - PE 6 587
1211 NW 10th Ave - 4975

Moran, Mrs. Katherine E. - Exec Secy, Dean of the University - AD 233 ... 470
1725 NW 6th Ave - 6166

Moratto, Eric Eritzugh - Roofer, Maintenance - PG 431
Rt 3, Box 274-A - 7236

Moorelock, James C. - Interim Instr in Mathematics - PE 13 587
1114 NW 23 Blvd - 8684

Morey, Darrell D. - Assoc Agronomist, Ag Exper Sta - NE 401 439
Rt 2 - 9815

Morgan, B. Q. - Lecturer in German - AN 111 576
Palm Terrace - 4668

Morgan, Mrs. Hazel T. - Hd, Film Library, Gen Exten Div - SE 908 519
916 NW 12th Ave - 8431

Morgan, Marcellus - Vocational Appraiser, Vet Guidance Center -
SE 1004 239
3114 NW 14th St; PO Box 657 - 5984

Morgan, Miss Mary F. - Jr Steno, Women's Phys Ed - FG 305 532
2237 NW 7th Lane - 7833

Morgan, Norman - Sgt 1cl; Clerk, Student Record - MI 636
1316 NW 4th Ave

Morgen, Ralph A. - Dir, Eng Exper Sta & Prof, Chemical Eng - EI 308 311
2210 NW 1st Ave - 5037

Morphew, W. E. - Night Watchman, Plant & Grounds - PG 431
Rt 3, Box 288-A; NW 13th St - 4285

Morris, Alton C. - Prof of English - AN 205 624
1227 NW 4th Ave - 7072

Morris, Oscar DeVere - Refrigeration Mechanic, Maintenance - PG 431
704 SW 2nd Ave - 7257

Morrison, Mrs. Shelia G. - Instr in Speech - AD 327 347
1604 NW 4th Ave - 5396

Morrow, Harold W. - Instr in Eng Mechanics - RE 406 416
Stengel Field, Trailer Camp

MORSE, Miss Grace D. - Clerk-Steno, VA - SE 10th Fl ..... (outside 8691)
717 NE 3rd Ave - 8568

Morse, Richard F. - Asst in Res, Eng Exper Sta - SE 1104 236
Box 3011, Univ Sta - 5684

Moshier, William F. - Asst Prof of Accounting - A 571
1905 NW 5th Ave - 6142

Mounts, Charles E. - Assoc Prof of English - AN 315 580
1918 NW 1st Ave - 3042

Muehlner, Felix - Assoc Res Econ, Bur of Econ & Bus Res - D 219 536
1741 NW 6th Ave - 4146

Mueller, Joseph - Tech, Mechanical Eng - BA 102 420
Rt 3, NW 13th St

Mulkey, Jacob M. - Locksmith, Maintenance - PG 431
306 NE 6th St - 7716

Mull, Leon E. - Asst Dairy Technologist, Dairy Husb Mfgs -
Ag Exper Sta - DL 104 396
1743 NW 7th Place - 6519

Mullis, John R. - Shop Foreman, Maintenance - MS 431
916 SE 4th Ave

Murphey, Miles H. - Tech, Eng Exper Sta - BA 102 420
Rt 2, Box 121-A, Citra, Fla; Orange Springs
Murphey, Milledge, Jr. - Asst Prof of Entomology, Ag - FL 301 218
1823 NW 7th Place - 5949
Murphree, Albert A. - Asst Prof of English - AN 213 305
403 NE 6th Ave - 6409
Murphree, Mrs. Catherine H. - Interim Teacher, P K Yonge - YN 313 476
1040 NE 5th Terrace - 4360
Murphree, Claude L. - Prof of Music and Univ Organist - R 120 305
1116 SW 6th St - 7333
Murphree, Miss Margaret - Jr Clerk, Eng Exper Sta - El 216 203
508 NW 2nd Ave - 8068
MURRAY, Alexander F. - Letter Carrier, Post Office - Univ Sta (outside 4981)
811 NW 10th Ave - 9517
Murray, Frank J. - Instr, Req Phys Ed - FG 305 532
1127 SW 5th Ave - 8667
Musk, Mrs. Dorothea C. - Sr Steno, Ag Eng - OH 35 216
Hibiscus Park - 4177
Myers, Forrest E. - Asst Vegetable Crop Specialist, Ag Exten Serv -
NE 303 327
915 NW 13th Ave - 7648
Myers, J. M. - Assoc Ag Eng, Ag Exper Sta - OH 31 216
Rt 5, Hibiscus Park - 7254

N

Nance, Mrs. Dorothy T. - Jr Steno, Ag Exper Sta - HT 107 260
735 E University Ave
Nash, Mrs. Francis V. - Asst Dietitian, Food Service - CA 661
Dietitian's House
Nash, Rollins H. - Sgt 1cl; Clerk, Student Records - MI 636
Rt 5, Newberry Rd - 9587
Neal, Mrs. Janyce R. - Purchase Order Clerk, Purchasing Dept - AD 102 ... 464
1120 SW 1st Ave
Neal, Miss Katherine J. - Jr Typist, Bur of Vocational Guid - AD 308 345
1228 W University Ave - 4537
Needleman, Mrs. Mildred - Sr Secy, Ag Exper Sta - NL 340
255-T, Flavet III
Neff, Thomas O'Neil - Asst Prof of Eng Mechanics - RE 202 416
Box 2161, Univ Sta - 5027
Neller, Joseph R. - Soils Chemist, Ag Exper Sta - NA 567
1804 NW 10th Ave
Nelson, Mrs. Betty L. - Jr Secy, Ag Education - YN 151 430
119 Flavet II - 9245
Nelson, Paul H. - Assoc Prof, Electrical Eng - EI 444 309
909 NW 17th Ave
Nettles, V. F. - Asst Horticulturist, Ag Exper Sta - VL 566
1822 NW 6th Ave - 8095
Neubauer, G. William F. - Asst Prof of Education - YN Shop 357
940 SW 2nd Ave

Newins, H. S. - Director, School of Forestry - HT 402 338
Keystone Heights, Fla

Newman, Floyd W., Jr. - Interim Instr in Psychology - OD 21 445
609 SW 9th St

Nichols, Mrs. Frances K. - Sr Steno, Vet Guidance Center - SE 1004 239
300 NE 11th St

Nichols, John W. - Interim Instr in Psychology - E 154 337
300 NE 11th St

Nickerson, Mrs. Florence F. - Lab Tech, Infirmary - IN 371
Glen Springs Rd - 6603

Nieland, Louis T. - Exten Farm Forester, Ag Exten Serv - HT 305 334
416 NE 3rd Ave - 5783

Nixon, J. W. - University Policeman, Grounds - PG 431
1333 NW 7th Ave - 7480

Noble, C. V. - Dean, College of Agriculture - FL 106 696
1228 NW 4th St - 3683

Noble, Robert V. - Instr, Gen Exten Div - SE 908 233
210 NE 7th St - 3079

Nolan, William J. - Prof of Chemical Eng - N 102 318
421 NW 15th St - 5888

Nolen, Mrs. Avis R. - Chief File & Record Clerk, Ag Exper Sta -
HT Annex 498
560 NE 7th Ave - 4240

Norman, J. H. - Hd Painter, Maintenance - PG 431
1121 NW 43rd Ave

Norman, James W. - Dean Emeritus and Prof of Education - YN 119 473
405 NE 10th Ave - 4533

Northrop, Floyd L. - District Supervisor, Education - YN 152-B 430
240 SW 2nd St - 8762

Nulton, Miss Lucy - Teacher, P K Yonge - YN 201-A 476
1527 NW 8th Ave - 9596

Novak, Arthur F. - Asst Prof of Bacteriology - SC 10 500
722 NE 3rd Ave

Nowicki, Mrs. Marie - Sr Steno, Ag Exten Serv - HT 105 496
200 NE 8th St - 7319

Nutter, Hazen E. - Assoc Prof, Ed & Hd, Materials of Instr - YN 317 478
1012 SW 1st Ave - 4107

O

Odum, Howard T. - Asst Prof of Biology - J 201-A 572
1118 NW 4th Ave - 4147

Oliver, Clifton, Jr. - Asst Prof of Bus Org & Oper - D 122 277
Box 243, Buckman A, Room B-4 - 261

Oliver, Jack - Mechanic, Ag Exper Sta - Farm ..... (outside 6761)
Rt 2, Hawthorne, Fla

Oliver, James A. - Asst Prof of Biology - H 501
Rt 3, Box 270-A-2 - 4133

Oliver, James Willard - Acting Hd Prof of Philosophy - AN 107 387
927 NW 8th Place - 7057

Olsen, George L. - Order Asst - LI 591
1403 NW 10th Ave - 7500
Olsen, Julian O., Jr. - Teacher, P K Yonge - YN Gym 474
1518 NW 7th Place - 7877
Olson, Mrs. Clara M. - Assoc Prof of Education - YN 328 479
Archer Rd - 8800
Opp, Carl B. - Asst Dir of Housing - MU 249
230 Fletcher F - 6602
Oras, Ants - Prof of English - AN 316 580
915 SW 2nd Ave - 5265
Ormond, William N. - Interim Instr in English - AN 207 305
102 NW 20th Drive - 6032
Orstein, Mrs. Estelle M. - Sr Clerk, Registrar's Off - AD 33 226
1009 SW 6th Ave
Osborn, George C. - Assoc Prof of Social Sciences - PE 110 654
1714 NW 7th Ave - 8045
Osterbind, Carter C. - Asst Res Econ, Bur of Econ & Bus Res - D 219 536
2105 NW 7th Lane
Otte, Burton J. H. - Assoc Prof & Curator of Chemistry - LE 111 483
1115 SW 13th St - 4185
Outen, Mrs. Vivian B. - Sr Clerk, Registrar's Off - AD 33 226
215-C, Flavet III
Overby, Miss Marilyn Ann - Jr Clerk, President's Off - AD 226 455
905 NE 3rd Ave - 4986
Owen, Harry A., Jr. - Instr in Electrical Eng - EI 344 309
NW 33rd Ave & NW 10th St - 5552
Owen, John H. - Asst Prof of Plant Pathology - HT 501 338
1226 NW 3rd Ave

P

Pace, James E. - Asst Prof of Animal Industry - NE 204 324
110 NW 15th St - 5309
Padgett, Miss Barbara Ann - Sr Clerk-Typist, Personnel Off - AD 102 400
1516 NW 12th Rd - 7367
Padgett, Miss Elsie - Interim Instr in Education - YN 327 479
318 NE 2nd Ave - 7392
Padgett, Mrs. Lena F. - Bkkpr, Cashier's Off - AD 1 417
1302 NW 2nd Ave
Pafford, Benjamin C. - Personnel & Campus Club Mgr, Food Serv - CA 661
Box 2106, Univ Sta; 2038 W University Ave - 8243
Page, R. E. - Dean, Arts & Sciences - AN 103 358
430 NE 9th Ave - 6583
Palmer, Miss Bettyre' - Jr Secy, Education - YN 120 263
308 NE 1st St
Palmer, Mrs. Gussie - Salad Supervisor, Food Service - CA 661
Rt 1, Newberry, Fla
PALMER, R. M. - Admin Asst, USDA-PMA - SE Annex 238
218 NW 12th Terrace - 4851

Papy, William A. - Instr in Architecture - E 113 384
813 NW 25th Ave

Paquette, Radnor J. - Asst Prof of Civil Eng - EI 216 203
403 NE 1st Ave - 4542

Pardee, Miss Mary R. - Cataloger - LI 591
1023 SW 1st Ave - 8230

Pardue, Burwell - Field Asst, Ag Exper Sta - VL 566
1203 NW 16th Ave - 4717

Pardue, Miss Irene F. - Exec Secy, Eng - EI 300 311
NW 16th Ave - 3306

Parham, Mrs. Kathryn F. - Jr Clerk-Typist, Vet Guidance Center - SE 1004 239
1217 NW 30th Ave; Rt 3, Box 62-LX

Parham, Lon C. - Asst Custodian Fields & Bldgs, Phys Ed - FG 19 533
FG 19

Parker, Henry B. - University Policeman, Grounds - PG 431
1130 NE 9th Ave - 9866

Parker, Mrs. Irene M. - Jr Clerk, Eng Exper Sta - EI 311 307
254-A, Flavet III

Parker, W. D. - Asst Prof of Accounting - A 571
309 NE 10th St - 8817

Parkhurst, Harry E. - Tech, Eng Exper Sta - BA 102 420
Graham, Fla

Parr, R. Eugene - Exec Asst, Ag Exper Sta - HT 113 366
612 NW 10th Ave - 4398

Parramore, Willie E., Jr. - Circulation Asst, Exten Library - SE 707 520
206 SW 3rd Ave

Parrish, Mrs. Huguette M. - Jr Steno, Alumni Affairs - AU 214
Waldo Rd; PO Box 161 - 9817

Parvin, Fayette W. - Assoc Economist, Ag Exten Serv - HT 101 411
725 NE 3rd St - 8052

Patrick, J. Max - Prof of English - AN 317 580
1215 NW 4th Place - 8854

Patrick, Rembert W. - Prof & Hd, Dept of History - PE 104 388
2427 NW 7th Court - 7338

Patterson, Emmitt E. - Labor Supervisor, Housing - MU Basement 451
Evinston, Fla

Patterson, Paul B. - Interim Instr of Mathematics - PE 8 587
309 SW 13th St - 3662

Paul, Miss Ouida F. - Asst Prof of Music - R 105 671
410 NW 19th St - 6689

Payne, Ancil N. - Assoc Prof of History & Political Sc - OE 21 428
17 NW 7th Terrace - 6367

Peabody, Kenneth E. - Interim Instr in Art - WA 303 628
318 NE 2nd Ave - 7392

Peacock, Mrs. Joyce Y. - Jr Secy, Professional Curriculum, Phys Ed - FG 302 245
Reddick, Fla

Pearce, James M. - Interim Instr in Chemistry - LE 120 483
209 Blvd, Apt 8 - 4185

Pearson, Albert M. - Asst Prof of Animal Husbandry, Ag - NE 204 324
1109 NW 11th Ave
Peek, Mrs. Dorothy L. - Record Clerk - IN 371
226-S, Flavet III
Peeler, Miss Ruth B. - Teacher, P K Yonge - YN 101-A 475
511 NE 1st St - 3652
Peer, Mrs. Betty Jean - Jr Secy, Agronomy, Ag Exper Sta - NE 304 439
203-A, Flavet III
Peet, J. C. - Lecturer in Electrical Eng - EI 350 309
214 Annis Blvd - 3875
Pendleton, William C., Jr. - Instr in Social Sciences - PE 110 654
1109 SW 3rd Ave - 8614
Penn, Richard K. - Central Stores Mgr, Plant & Grounds - PG 431
1716 NW 1st Place
Penrod, John A. - Interim Instr in English - AN 207 305
815 NE 4th Ave
Perkins, Mrs. Jimmy C. - Recorder, Registrar's Off - AD 33 226
622 NW 17th St 7428
Permenter, Mrs. Nancy L. - Jr Clerk-Typist, Gen Exten Div - SE 908 519
911 SW 1st Ave
Perry, F. S. - District Agent, Ag Exten Serv - HT 217 350
949 SW 13th St - 6182
PERRY, Glenn M. - Letter Carrier, Post Office, Univ Sta ..... (outside 4981)
203 SW 3rd Ave - 7926
Perry, Miss Irene Erskin - Admin Asst, Education - YN 126 472
318 NE 2nd Ave - 7392
Perry, James E. - Supervisor, Camp Wauburg .....
Micanopy, Fla - 2484
Perry, Mrs. Norma S. - Jr Secy, Bur of Econ & Bus Res - D 214 536
Box 153, Melrose, Fla
Peters, Mrs. Juanita D. - Jr Secy, Cancer Res - CR 395
Rt 3, Box 85-MI
Peters, Miss Vera Mae - Invoice Clerk, Comptroller's Off - AD 2 523
1022 NW 3rd Ave - 6887
Peterson, Miss Betty Lou - Chief Clerk, Comptroller's Off - AD 2 522
1022 NW 3rd Ave - 6887
Peterson, Erhart G. - Prof of Accounting - A 571
1402 NW 6th Ave - 5174
Petree, Mrs. Helen C. - Jr Secy, Admin Ag Exper Sta - HT 109 492
227 NW 2nd Ave - 5116
Pettis, Aubrey M. - Farm Electrical Specialist, Ag Exten Serv - OH 30 216
1215 Jefferson St - 8929
Phelps, Earle B. - Lecturer in Civil Eng, Eng Exper Sta - SL 503
722 NE 4th St
Phelps, George O. - Asst Prof of Mechanical Eng - EI 507 315
SW 13th St - 4932
Philips, Mrs. Theresa - Western Union Mgr - FU 422
1532 NW 3rd Ave - 6619
Phillips, Miss Grace R. - Interim Instr in Biological Sc - J 572
1113 SW 3rd Ave

Phillips, James W. - Sgt; Clerk, Training Aids - MI 482
NW 4th Terrace
Phillips, Lawrence R. - Asst Prof of Chemistry - LE 226 570
914 NE 10th Ave - 3921
Phillips, Thos. O., Jr. - Capt; Instr, Inf - MI 482
3035 NW 6th St - 6904
Phillips, Wayland B. - Teacher, P K Yonge - YN 312 502
1103 SW 4th Ave - 5985
Philpot, Mrs. Agnes E. - Sr Secy, Entomology, Ag Exper Sta - NE 200 323
110 NW 7th St - 4047
Philpott, Frank E. - Asst Prof, Req Phys Ed - FG 134 244
1014 SW 3rd Ave - 6893
Philpott, Harry M. - Prof of Religion - FU 207 453
1627 NW 7th Place - 9834
Phinney, Miss Madge - Jr Steno, Intercollegiate Ath - FG 228 242
1930 NW 2nd Ave - 6451
Phipps, Cecil G. - Prof of Mathematics - WA 201-A 586
1106 SW 5th Ave - 5590
Pierce, E. Lowe - Assoc Prof of Biological Sc - SC 201 575
1822 NW 7th Place - 4839
Pierce, J. Eugene - Asst Prof of Insurance, Bus Org & Oper - D 121 277
411 Boulevard - 4416
Piercy, Mrs. Judy C. - Jr Clerk-Typist, Registrar's Off - AD 135 226
813 NW 18th Ave - 6935
Pierson, William H. - Assoc Prof, Geography & Geology - B 579
1326 NW 9th Ave - 3819
Pinkerton, Frank - Interim Lab Asst, Ag Exper Sta - DL 396
20 NE 3rd St - 7119
Pinner, Mrs. Nancy A. - Gen Duty Nurse - IN 371
840 SE 2nd Ave
Pirenian, Zareh M. - Assoc Prof of Mathematics - WA 203 586
1103 SW 5th Ave - 7152
Pirkle, Earl C., Jr. - Asst Prof of Geology & Physical Sc - RE 307 203
210 Annis Blvd - 7927
Pisani, Frank W. - Instr, Citizenship Training, Gen Exten Div -SE 809 231
1004 NE 9th St - 6947
Pitts, Miss Edith P. - Admin Asst, President's Off - AD 226 455
1123 SW 5th Ave - 5046
Platt, Vincent J. - M/Sgt; Supply Sgt - MI 480
1030 SE 3rd Ave
Plummer, Mrs. Opal F. - Jr Steno, Eng Exper Sta - EI 313 370
Gen Del, Univ Sta; Oak Acres Trailer Court
Pollard, Cash B. - Prof of Chemistry - LE 240 255
Hollybrook - Newberry Rd - 5773
Polovkas, Vincent G. - Instr in Aeronautical Eng - N 124 316
804 NE 12th Ave - 6580
Pomeroy, David - Interim Asst Prof of Physics & Bioelectric Potentials
Proj - CR 395
725 SE 5th Ave
Poole, Mrs. Betty J. - Jr Steno, Foreign Languages - AN 3-D 509
2057 NW 3rd Ave - 5770

Poole, Reid - Asst Prof of Music - R 140 671
1049 W Ohio, Rt 3 - 8574
Porter, Miss Rebecca E. - Asst Editor, University Press - LW 5th Fl 209
622 NW 8th Place - 8632
Porter, Ralph E. - Asst Dir, Florida Union - FU 212
1524 NW 10th Ave - 4477
Potter, William M. - Asst Prof of Req Phys Ed - FG 134 244
214 NW 20th Drive - 3591
Powell, Garland W. - Dir, WRUF - RA 468
Golfview - 5443
Powell, Mrs. Joyce H. - Jr Typist, Personnel Off - AD 102 352
824 NW 11th Ave
Powell, Mrs. Kathryn P. - Sr Clerk, Dean of the Univ - AD 233 469
702 NW 9th Ave
Powell, Levi Allen, Sr. - Field Asst, Ag Exper Sta - OD 12 445
825 NE 3rd Ave - 3403
Powell, Robert D. - Asst Prof of Botany, Ag - SC 7 .....
Rt 3, Box 284-X - 5774
Powell, Mrs. Ruth F. - Gen Duty Nurse - IN 371
1326 NW 10th Ave - 6216
Powers, Mrs. Rose M. - Jr Steno, Eng Exper Sta - EI 309 419
241-T, Flavet III
Preodor, Edward - Assoc Prof of Music & Orchestra Dir - R 133 671
1021 NE 13th Place - 8188
Prescott, Ford L. - Prof of Mechanical Eng - WA 103 418
407 NW 12th Drive - 5906
Prescott, Mrs. Marie J. - Jr Steno, Economics - D 103 631
16-A, Stengel Field
Prevatt, Rubert W. - Lab Asst, Soils, Ag Exper Sta - NE 108 567
424 NE 6th St
Price, George S. - Col; PMS&T, Military - MI 481
1100 NW 1st Place - 5669
Price, J. Ed - Counselor & Assoc Prof - AD 128 200
RFD
Price, Thomas J. - Comptroller, Business Office - AD 2 220
Hawthorne Rd - 4023
Pridgen, Mrs. Ila R. - Law Librarian - LW 217 596
321 SW 12th St - 8048
Prince, Miss Vivian C. - Hd, Tech Processes Dept & Asst Prof of Library Science - LI 591
1227 SW 4th Ave - 3542
Pritchett, Mrs. Nell T. - Sr Steno, Personnel Off - AD 102 352
Rt 3, Box 62-BA - 8179
Proctor, Mrs. Ilo L. - Bindery Clerk, Duplicating Dept - PG 561
309 NW 3rd Ave
Proctor, Samuel - Asst Prof of Social Sciences - OE 19 428
1103 NW 3rd Ave, Apt 2 - 8058
Pruitt, George R. - Chief Operator, Sewage Treatment Plant - ST 431
421 NW 19th Place - 7285

Pryor, Mrs. Betty S. - Asst Law Librarian - LW 218 596
1128 SW 6th Ave
Pullara, Anthony L. - Instr in Architecture - E 130 512
1234 NW 14th Ave - 4016
Pumphrey, Fred H. - Hd Prof of Electrical Eng - EI 336 309
816 NW 13th St - 6192
Purdy, Donald R. - Instr in Physics - BN 101 310
1113 NW 24th Ave - 3529
Putnam, Howard L. - Exec Asst, Univ Press - LW 5th Fl 209
Box 2357, Univ Sta; 2158½ NW 5th Ave
Pye, Miss Ruby L. - Instr in Women's Phys Ed - WG 393
404 NW 14th St - 8687
Pyle, Gordon B. - Interim Instr in Social Sciences - PE 110 654
Rt 3, Box 84-R, Pine Haven Exten
Pyles, Thomas - Prof of English - AN 303 601
1618 NW 6th Ave - 4386
Pynchon, Mrs. Mary Nell - Receptionist, Student Personnel - AD 128 302
202 NW 15th St, Apt 1

Q

Qualls, Leroy L. - Asst Prof of Economics - D 120 277
726 NW 23rd Blvd - 6750
Quinn, Herbert F. - Tech, Eng Exper Sta - SE 1104 236
911 NE 3rd Ave - 7279

R

Rackley, B. T., Jr. - Interim Asst in Res, Electrical Eng - EI 432 309
1115 NW 13th Ave - 9827
Redford, Fate A. - Tech, Eng Exper Sta - BA 102 420
816 NW 13th Ave - 5957
Radtke, Mrs. Lenore S. - Jr Clerk-Receptionist - LI 591
705 NE 2nd Ave, Univ Sta
Ragan, Mrs. Creola M. - Sr Steno, Education - YN 128 471
226-U, Flavet III
RAINES, Alton E. - Admin Asst, USDA-PMA - SE Annex 237
404 NW 19th St - 8995
Ralston, Charles W. - Asst Prof of Silviculture - K 207 .....
211 SE 4th Ave
Ramirez, Adolfo - Instr in Spanish & Portuguese - AN 8 576
714 NE 11th St
Ramirez, Henry E. - Bkkpr, Food Service - CA 205
1116 SW 2nd Ave - 7096
Ramseur, Mrs. Roy M. - Sr Steno, Education - YN 102 518
1112 SW 12th Ave, Apt B - 6972
Ramsey, James C., Jr. - Interim Instr in Chemistry - LE 152 483
140, Flavet II
RAPE, George B. - Letter Carrier, Post Office - Univ Sta ..... (outside 4981)
404 SW 3rd Ave - 8080
Rappenecker, Caspar - Assoc Prof of Geology & Physical Sciences -
RE 307 203
Palm Terrace - 6290

Rathbun, Miss Hellice - Asst Mgr, Bookstore - SS 665
418 SE 7th St - 7742
Rawls, Mrs. Billie B. - Jr Steno, Univ Athletic Assn - AN 204 303
417 NE 4th Ave - 3524
Ray, Delmas D. - Asst Prof, Accounting - A 571
25-B, Stengel Field, Box 2365, Univ Sta
Ray, Francis E. - Dir, Cancer Research Lab - CR 395
Lantana St, Hibiscus Park - 4470
Reaves, Clarence W. - Dairy Husbandman, Ag Exten Serv - HT 301 331
1930 NW 8th Ave - 4619
Reaves, Jack S. - Dir of Purchasing - AD 102 464
211 Blvd - 4860
Reber, Karl W. - Instr of Mechanical Eng - EI 508 315
312 NW 14th Ave
Redfield, Robert H. - Asst Res Eng, Eng Exper Sta - SE 1104 236
1117 NE 10th Place - 6898
Reed, John C. - Hd Prof of Mechanical Eng - EI 546 315

Reeves, F. Blair - Instr in Architecture - U 102 330
924 NW 9th Ave - 7303
Register, Mervin B. - Furniture Repair Foreman, Maintenance - PG 431
215 NE 6th St - 8327
Rehling, Conrad H. - Instr, Req Phys Ed - FG 134 244
1013 NW 24th Ave
Reid, Charles E. - Instr in Chemistry - LE 333 489
1040 Euclid Ave - 8495
Reid, Mrs. Eugenie C. - Cataloger - LI 591
1105 NW 3rd Ave - 6916
Reid, George Kell, Jr. - Interim Instr in Biology - J 625
1105 NW 3rd Ave - 6916
Reinsch, Mrs. Jessie P. - Sr Steno, Business Admin - AN 204 303
176, Flavet II
Reitz, J. Wayne - Provost, Ag - FL 107 215
2236 NW 5th Place - 4878
Remp, George E. - Asst Prof of Mechanical Eng - EI 508 315
910 NW 9th Ave - 8636
Rethlingshafer, Miss Dorothy - Assoc Prof of Psychology - E 106 337
Golfview
Reynolds, John H. - Asst Prof of Social Sciences - PE 110 654
Hibiscus Park - 5143
Reynolds, Lionel K. - Delivery Man, Duplicating - PG 561
Ideal Trailer Park
Reynolds, Miss Mable Marie - Cataloger - LI 591
325 NW 14th Place - 4071
Reynolds, Miss Mary E. - Hd Resident, Reid Hall - RI 440
Reid Hall - ext 440
Rhodes, Mrs. Jean - Library Asst - LI 591
c/o Strickland, Palm Terrace
Rhudy, Ralph - Col, PMS & T - MI 613
334 NW 17th St - 6135

Richardson, James G. - Asst Prof, Bus Org & Op - D 119 584
2200 NW 9th Place - 4434
Rickert, Robert T. - Instr in Speech - AD 360 346
1405 NE 6th Terrace
RIDDICK, Mrs. Eloise - Secy, State Plant Bd - SE 506 ..... (outside 3903)
Box 198 - 5718
Ridgway, Mrs. Louise B. - Sr Clerk, Records, Arts & Sciences - AN 103.. 504
253-A, Flavet III
Rietz, Edward G. - Assoc Prof of Chemistry - LE 132 510
1103 SW 4th Ave
Riker, Harold C. - Dir of Housing - MU 249
307 Blvd - 6940
Riley, Bert C. - Dn, Gen Exten Div - SE 805 232
511 NW 15th St - 4011
Riley, Elmer Richie - Tech, Eng Exper Sta - SE 1104 236
610 NE 2nd Ave - 4968
Ring, Alfred A. - Prof of Real Estate - D 203 578
16 NW 20th Terrace - 4139
Rion, William E. - Acting Dir - FU 108 212
Hibiscus Park - 5187
Ritch, Sanford E. - Fireman, Heating Plant - HP 431
121 SE 7th St - 7748
Ritchie, Mrs. Shirley B. - Jr Steno, History - PE 104 388
1224½ SW 4th Ave
Ritter, Leo J. - Assoc Prof of Civil Eng - EI 210 203
1023 NW 15th Ave - 8428
Robarts, Edward J. - Draftsman, Plant & Grounds - PG 431
213 NW 2nd Ave - 5860
ROBARTS, Mrs. Mary K. - Clerk, Post Office - Univ Sta ..... (outside 4981)
213 NW 2nd Ave - 5860
Robbins, George L. - WOJG, Instr, Communications - MI 613
Rt 1, Box 52, Melrose, Fla
Roberts, Cournay A. - Field Asst, Beef Unit, Ag Exper Sta Farm
..... (outside 6761)
125, Flavet II - 9245
Roberts, Leonidas H. - Interim Instr in Physical Sciences - BN 204 377
722 NW 8th Place - 7175
Roberts, Merrill J. - Asst Prof of Transportation & Economics - D 120 277
2038 NW 7th Terrace - 4519
Robertson, Alan J. - Instr in Economics - D 122 277
1716 NW 2nd Ave - 7419
Robertson, Charles A. - Hd Prof of English - AN 110 306
Pine Park, Box 512 - 7390
Robillard, Mrs. Ambolena H. - Interim Instr in Humanities - AN 102 452
805 NE 2nd St
Robinson, Frank A. - Asst Apiculturist, Ag Exper Sta - NE 201-A 323
1109 NW 13th St - 8643
ROBINSON, Miss Mary - Secy, State Bd of Eng Exam - SE 702. (outside 4651)
102 NW 3rd St - 8702

Rodgers, Andrew C. - Exec Asst, Housing - MU 249
1936 NW 2nd Ave - 6303

Roebuck, John H. - Field Asst, Plant Pathology, Ag Exper Sta - NE 101-A 322
825 NW 19th Ave - 8928

Roebuck, Sam D. - Multilith Operator, Duplicating - PG 561
213 SE 3rd Ave - 3668

Rogers, Andrew J. - Asst Prof of Entomology - FL 301 218
Rt 4, Box 368 - 3315

Rogers, Frazier - Hd Prof of Ag Eng - OH 33 216
411 NE 7th St - 8942

Rogers, Mrs. Grace C. - Sr Steno, Horticulture, Ag Exper Sta - VL 566
628 SW 2nd St - 6485

Rogers, V. Trent - Supervisor, Composing Unit & Plate Making, Duplicating - PG 561
Rt 1, Box 27

Rogers, William B. - Instr in Mechanical Eng - EI 507 315
421 NW 15th St - 3490

Rohde, Miss F. Virginia - Instr in Mathematics - WA 208 586
1412 NW 3rd Ave

Rose, George R. - Electrician, Maintenance - PG 431
Rt 3, Box 74-B

Rose, Harold C. - Asst Prof of Architecture - U 106 330
1315 NW 9th St - 6843

Rosenberger, Stanley E. - Asst Vegetable Crop Specialist, Ag Exten Serv - NE 301 327
Micanopy, Fla - 2533

Rosetti, Mrs. Jean D. - Jr Clerk, Bd of Examiners - SE 405 235
323 NW 16th St

Rosier, Mrs. Bertie T. - Evening Telephone Operator - AU 222
Archer Rd - 3391

ROTHE, Henry H. - State Dairy Supervisor, SDA - SE 408 ..... (outside 3732)
423 SW 10th St - 5092

Rothhammer, Glynn - University Policeman, Grounds - PG 431
Hawthorne Rd - 7659

Rothrock, Coman W. - Asst in Res, Eng Exper Sta - N 103 318
103 NW 16th St - 6687

Rothwell, Donald F. - Asst Prof, Soils - OG 18 286
417 NE 4th Ave - 5709

Rotolo, Miss Frances - Asst Dietitian, Food Service - CA 661
Dietitian's House

Rowell, E. G. - Custodian, Janitorial - AD 15 531
Rt 2, Box 206

Rowland, George C. - Carpenter, Maintenance - PG 431
1060 SE 2nd Ave - 9866

Rowland, Wilburn E. - Gen Foreman, Maintenance - PG 431
Rt 4, Box 178

Royster, Mrs. Alice M. - Exec Asst, Housing - MU 250
108 SW 10th St - 5559

Ruff, William - Assoc Prof of Humanities - AN 102 452
510 NE 6th Ave - 5219

Runzler, W. T. - Interim Asst Prof of German - OD 20 576
716 NE 7th St - 8330
Rutledge, William H. - Supervisor, Soda Fountain - SS 207
2038 W University Ave
Ryan, Miss Edna - Asst Inter-Departmental Clerk, Bookstore - SS 665
418 SE 7th St - 7742
Ryan, John E., Jr. - Instr in Req Phys Ed - FG 305 532
1716 NW 2nd Ave - 3739
Ryberg, Milton E. - Res Eng, Eng Exper Sta - BA 106 319
716 NE 6th St - 7495
Ryland, Temple S. - M/Sgt, Chief, Service Section - MI 482
1236 NW 30th Ave - 4036

S

Sadlo, Henry S. - M/Sgt; Sgt Major, Military - MI 481
835 SE 2nd Ave - 4557
Sallas, Mrs. Patricia C. - Jr Payroll Clerk - AD 102 221
203-T, Flavet III
Salt, E. Benton - Prof & Hd of Dept of Professional Curriculum -
FG 301 245
2218 NW 1st Ave - 5452
Sampson, Roger W. - Interim Instr in Electrical Eng - EI 432 309
1405 NW 13th St
Sanchez, Aldon B. - Farm Foreman, Dairy Res Unit, Ag Exper Sta -
Hague, Fla .....
Rt 3, Box 139 - Alachua 2673
Sanders, Dorsey A. - Hd, Veterinary Science Dept, Ag Exper Sta -
NE 214 282
605 SW 10th St - 6292
Sardo, Mrs. Sally J. - Sr Clerk, Registrar's Off - AD 33 226
Apt 20, Univ Manor
Sashoff, Stephan P. - Prof of Electronics, Electrical Eng - EI 348 309
Melrose, Fla - Keystone Heights 4571
Sauer, John E. - Backfield Coach, Intercol Athletics - FG 227 242
1247 SW 11th Ave - 3550
Savage, Zach - Assoc Ag Economist, Ag Exper Sta - HT 307-A 332
1243 SW 9th Ave - 5936
Sawyer, Earl M. - Acting Instr in Physics - BN 101 310
1015 NW 3rd Ave - 3996
Sawyer, George W. - Vocational Appraiser, Vet Guidance Center -
SE 1004 239
117 NW 2nd Ave
Sawyer, William L. - Hd Prof of Eng Mechanics - RE 409 416
203 NW 11th St - 4607
Scarborough, Mrs. Dorothy D. - Jr Secy, Gen Exten Div - SE 901 234
26 SE 9th St - 6748
Scarborough, Truman G. - Asst Principal & Teacher, P K Yonge -
YN 218 476
2048 NW 7th Lane - 3442

Schaefer, Miss Shirley - Sr Steno, Speech - AD 341 346
812 NE 8th Ave
Schaeffner, C. P. - Mgr Property Records, Comptroller's Off - AD 2 253
1015 SW 3rd Ave - 3002
Schaffer, Nile C. - Acting Director, Museum - SE 103 ..... (outside 3916)
236 NW 3rd Ave - 6770
SCHISLER, Mrs. Marjorie H. - Steno, SDA - SE 408 ..... (outside 3732)
741 SW 2nd Ave
Schmidt, Miss Doris T. - Assoc Prof of Music, Music - R 103 671
205 NE 3rd St - 5409
Schmidt, Mrs. Virginia - Lab Asst, Ag Exper Sta - NE 110-B 567
226-C, Flavet III
Schnell, Herman W. - Prof and Hd of Depart of Req Phys Ed - FG 134 244
1741 NW 7th Ave - 8657
Schoch, W. Leroy - Supt of Construction - PG 431
107 Annis Blvd - 8023
Schoonmaker, Lucas E. - Asst Prof of Electrical Eng - EI 336 309
Rt 2, Box 90, Kirkwood - 3167
Schrader, George F. - Instr in Electrical Eng - EI 333 309
1636 NW 7th Ave - 7049
Schrader, Hans W. - Tech, Physics - BN 101 310
1636 NW 7th Ave - 7049
Schrenk, Mrs. Jenny L. - Sr Secy, Student Personnel - AD 128 257
411 SW 2nd St.
Schweyer, Herbert E. - Assoc Prof of Chemical Eng - N 108 317
1115 NW 13th Ave - 9827
Scofield, Leo H. - Electrician, Maintenance - PG 431
840 NW 30th Ave - 6237
Scoles, Eugene F. - Assoc Prof of Law - LW 208 353
606 NW 13th Terrace - 3057
SCOTT, Buford C. - Mail Carrier, Post Office - Univ Sta .....(outside 4981)
1705 NW 6th St
Scott, Mrs. Inez B. - Jr Secy, Ag Exper Sta - PO 564
603 SW 12th St - 3256
SCOTT, John M. - Chief Dairy Supervisor, SDA - SE 408 ..... (outside 3732)
1004 SW 2nd Ave - 4893
Scott, Linus A. - Instr in Mechanical Eng - EI 511 315
926 NW 30th Ave - 8505
Scott, Ned H. - Instr in Accounting - A 571
1515 NW 5th St - 8984
Scott, Thomas M. - Instr in Req Phys Ed - FG 134 244
617 NW 8th Place - 6070
Scott, William H.O. - Ref Asst, Library - LI 591
Rt 5, Box 25-C, Hibiscus Park - 4562
SCOTTEN, Rawley W. - Clerk, Post Office - Univ Sta ..... (outside 4981)
1723 SW 13th St - 5634
Scudder, Delton L. - Hd Prof of Religion - FU 205 453
105 NW 7th Terrace - 4194
Seaberg, Miss Lillian M. - Univ College Librarian - LI 591
1028 SW 3rd Ave - 7487

Searcy, Henry W. - Accountant, Comptroller's Off - AD 2 253
1126 NW 11th Ave - 5834
Sechrest, Mrs. Patty D. - Jr Clerk-Typist - Graduate School ; AD 235 459
1730 NW 6th St - 6378
Seckinger, Clyde B. - Chief Night Clerk, Housing- MU 246
Bivens Arm - 5038
Seckinger, Larry H. - Chief Clerk, Comptroller's Off - AD 1 417
323 NW 15th St - 7484
Self, Mrs. Mauvolene M. - Sr Clerk, Ag Exten Serv - HT 123 494
930 NE 10th Place - 5650
Selle, Miss Adelaide C. - Bkkpr, Cashier's Off - AD 2 253
622 NW 8th Place - 8632
Sellers, E. G., Jr. - Interim Librarian, Eng Library - E 166 591
250-C, Flavet III
Sellers, Miss Evelyn - Hd Resident, Mallory Hall - MA 392
Mallory Hall - 392
Senn, Pettus H. - Hd Prof of Agronomy - FL 302 615
414 NW 14th St
Shaffer, Charles V. - Asst Res Eng, Eng Exper Sta - SE 1104 236
206 Annis Blvd - 3020
Shannon, William F. - University Policeman - PG 431
4600 Dixie Drive - 3237
Sharp, Miss Alice V. - Sr Secy, Music - R 104 671
303 Rear, NW 15th Terrace - 5316
Sharpe, Ralph H. - Assoc Horticulturist, Ag Exper Sta - NE 409 327
605 SW 9th St - 3166
Shashy, Edmund T. - Refrigeration Helper, Maintenance - MS 431
234-U, Flavet III
SHEAR, Cornelius J. - Assoc Plant Physiologist, Tung Investigations,
USDA - TL ..... (outside 3906)
1905 NW 13th St - 6139
Shepherd, Charles B.- Sr Accountant, Comptroller's Off - AD 2 253
325 NW 14th Place - 4100
Sherman, David H. - Teacher, P K Yonge - YN 235 476
1005 NE 12th Ave - 8358
Sherman, Mrs. Frances R. - Jr Clerk, Registrar's Off - AD 33 226
1028-A SW 4th Ave - 8279
Sherman, Harley B. - Prof of Biology - M 572
2233 NW 6th Place - 7108
Sherman, Joe E. - Dir Sports Publicity, Intercol Athletics - FG 6 556
1617 NW 7th Place - 5844
Shields, Murray W. - Prof of Economics - D 204 389
101 NW 7th Terrace - 6207
SHIPP, Mrs. Edna L. - Clerk, USDA-PMA - SE Annex 237
304 E University Ave - 8820
Shipp, Mrs. Sybil D. - Sr Clerk, Comptroller's Off - AD 2 253
715 NW 12th Ave - 3432
Shirley, Ray L. - Biochemist, Animal Husbandry & Nutrition Dept -
Ag Exper Sta - NL 340
103 Annis Blvd - 8759

Showalter, Robert K. - Assoc Horticulturist, Ag Exper Sta - VL 102 566
Rocky Point Road, Rt 4, Box 110 - 3722
SHULTZ, Orlo M. - Counselor, SDE - SE 704 ..... (outside 3621)
1903 SW 13th St - 3142
Siler, Harry K. - Asst Chief Engineer, WRUF - RA ..... (outside 8018)
1714 NW 2nd Ave - 9870
Silliman, Charles V. - Asst Prof of Law - LW 107 353
Hibiscus Park - 4475
Silver, Mrs. Zelda - Jr Steno, Law - LW 101 353
Apt 15, University Manor - 3800
Simmons, Glenn B. - Prof & Hd Off-Campus Instruction, Education -
YN 120 263
Northview Drive, Golfview - 7755
Simons, J. H. - Prof of Chemical Eng & Coordinator - RE 304 319
Thomas Hotel
SIMPSON, Charles F. - Assoc Veterinarian, Ag Exper Sta - NE 214 282
919 SW 5th Ave - 6598
Simpson, Thomas M. - Dean, Graduate School; Hd, Mathematics Dept -
AD 235 549
423 SW 13th St - 7798
Sinclair, Mrs. Neita W. - Jr Steno, Civil Eng - EI 216 203
511 NW 3rd Ave
Skaggs, Allen O. - Editor, News Bureau - AD 138 288
1104 NW 13th Ave - 8823
Skelton, Hanson B. - Supervisor, Soda Fountain - SS 207
2038 W University Ave
Skinner, Miss Blanche E. - Teacher, P K Yonge - YN 105-A 475
303 SW 13th St
SKINNER, Mrs. Cecil Fielding - Clerk-Steno - SE 10th Fl ..... (outside 8671)
2132 NW 7th Place - 6719
Skinner, Thomas C. - Asst Prof of Ag Eng - OH 29 216
708 NW 24th Ave - 3009
Skofield, Mrs. Harriet C. - Cataloger, Yonge Lib of Fla Hist - LI 591
1019 SW 6th Ave - 4847
Slagle, Dean - Prof of Law - LW 112 354
600 NE 9th Ave - 6183
Slater, Mrs. Dorothea - Dietitian, Soda Fountain - SS 207
1120 SW 1st Ave
Slocum, Miss Prudence D. - Library Asst - LI 591
1208 NW 12th St
Smith, Alexander G. - Asst Prof of Physics - BN 101 310
1820 NW 1st Ave - 7036
Smith Arthur A. - Interim Instr in Architecture - E 115 384
PO Box 635, Hunter Rd, Micanopy, Fla - 2282
Smith, Charles B. - Assoc Prof of Math - WA 201-B 586
604 NW 8th Pl - 3017
Smith, Edward F. - Assoc Prof, Electrical Eng - EI 250 309
603 NW 9th Ave - 5147
Smith, Miss Eleanor - Sr Secy, Ag Exper Sta - NE 300 327
725 NE 2nd St - 4214

Smith, Ernest S. - Tech, Eng Exper Sta - SE 1104 236
217 NW 4th Ave - 4517

Smith, Mrs. Florine O. - Mgr, Soda Fountain - SS 207
417 SW 10th St - 5162

Smith, Frederick B. - Hd Dept of Soils, Ag Exper Sta - NE 106 321
213 NW 20th Terrace - 4734

Smith, Henry E. - Lineman's Helper, Elec Maintenance - MS 431
Rt 1, Box 42 - 5934

Smith, Henry E., II - Basket Room Supervisor, Req Phys Ed - FG 107 541
1306 E University Ave

SMITH, J. Fred - County Admin Off, PMA - SE 101 ..... (outside 5091)
931 NW 9th Ave - 5952

Smith, J. Lee - District Agent, Ag Exten Serv - HT 101 411
323 NW 15th St - 4832

Smith, Jack H. - Interim Instr in Mechanical Eng - EI 523 314
Rt 3, Box 73

Smith, James H. - Instr in Mechanical Eng - EI 511 315
Box 2452, Univ Sta; Newberry Rd - 3348

Smith, Joseph G. - District Supervisor, Education - YN 152-B 430
1232 SW 3rd Ave - 3138

Smith, Martin H. - Instr in Architecture - E 124 505
716 NW 33rd Place - 6988

Smith, Reynolds B. - Assoc Prof of Forestry - HT 412 338
509 SE 7th St

Smith, Russell M. - Asst Curator, Chemistry - LE 109 266
Dept of Chemistry - ext 608

Smith, Mrs. Sara N. - Sr Clerk, Registrar's Off - AD 33 226
1521 NW 5th Ave

Smith, Sydney E. - Asst in Res, Eng Exper Sta, EI 332 308
Box 3011, Univ Sta - 5684

Smith, Thomas - Tech, Eng Exper Sta - BA 102 420
Rt 2, Box 180-A - 3667

Smith, T. Lynn - Prof of Sociology - PE 301 487
Kirkwood - 3661

Smith, Mrs. Wilma A. - Sr Secy, Dean of Women's Off - AD 128 362
1639 NW 1st Ave - 7136

Smoak, George R. - Chief Bindery Clerk, Duplicating - PG 561
Reddick, Fla

Sneeringer, Harold L. - Foreman, Elec Maintenance - MS 431
814 NW 17th Ave - 8976

Sneeringer, Ralph J. - Photographer, Photographic Dept - L 402
Box 2271

Snoblin, Mrs. Marion R. - Sr Clerk, Registrar's Off - AD 29 226
230-C, Flavet III

Somers, H. L. - Asst, Dairy Barn, Dairy Res Unit - Hague, Fla.....
Rt 3, Box 139-A - Alachua 2673

Southerland, Mrs. Belma L. - Sr Clerk, Comptroller's Off - AD 2 577
110 NW 9th Terrace - 7272

Spache, George D. - Hd, Reading Lab & Clinic & Prof of Education - 379
AN 310 .....
Valley Rd, Golfview - 3724

Spangler, Byron D. - Asst Prof of Civil Eng - EI 220 203
1038 NE 10th Place - 4085
Spear, Euclid W. - Fireman, Heating Plant - HP 431
Micanopy, Fla
Specht, Randolph C. - Prof, Eng Exper Sta - RE 301 319
609 NW 8th Place - 3774
SPENCER, Henry J. - Biologist, USDI, Wild Life Res Lab 565
806 NE 9th St, PO Box 131 - 4018
Spring, Mrs. Dorothy - Jr Clerk, Registrar's Off - AD 33 226
619 SW 10th St
Springstead, Mrs. Annie W. - Chief Clerk, Admin, Eng Exper Sta -
EI 311 307
112 NW 19th St - 8982
Spurlock, Alvin - Assoc Ag Economist, Ag Exper Sta - HT 312 335
1424 NW 11th Rd - 6752
Stallworth, Mrs. Yvette - Sr Steno, Education - YN 264
221-D, Flavet III
Stanley, Dennis K. - Dn, Phys Ed H & A - FG 203 241
1004 NW 21st Terrace - 5539
STANLEY, Mrs. Ora M. - Steno, SDA - SE 408 ..... (outside 3732)
232 NW 1st Ave - 7193
Stanley, P. M. - Foreman, Elec Maintenance - MS 431
Box 393, Micanopy, Fla - 2282
Stanley, Mrs. Virginia E. - Bkkpr, Comptroller's Off - AD 2 253
Box 2111, Univ Sta
Staples, Miss Benita G.M. - Vari-Typer Op, Duplicating - PG 561
Rt 1, Box 126-B - 5789
Staton, Wesley M. - Asst Prof of Phys Ed - FG 303 245
3711 N Alabama St - 8869
Stearns Roland F. - CWO; Adjutant - MI 481
2513 NW 6th St- 7979
Stearns, Thomas W. - Assoc Prof of Ag Chemistry - LE 140 485
209 NE 2nd Ave - 5948
Stockert, Mrs. Mildred Z. - Sr Library Asst - LI 117 591
9 NW 7th St - 9826
STEELE, Mrs. Thelma M. - Steno, State Plant Bd - SE 504 ..... (outside 3903)
101 NE 7th St - 8145
Steis, William B. - Instr in Speech - AD 360 346
1635 NW 7th Place - 8206
Stephens, Carl C, Jr. - M/Sgt, Artillery Mechanic - MI 482
323 NE 9th St
Stephens, Richard B. - Asst Prof of Law - LW 108 353
818 NW 21st St - 3090
Stephenson, Miss Norma - Asst Dietitian, Food Service - CA 661
Dietitian's House
Sterrett, Delbert E. - Instr of Music - R 126 671
1020 SW 3rd Ave - 8698
STETSON, Ellis R. - Chief Inspector, Architect to the Bd of Control -
E 563
Bldg E, Univ of Fla

Stewart, Mrs. Alice P. - Receptionist, Housing - MU 246
90-X, Flavet I
Stewart, Mrs. Elizabeth D. - Offset Plate Maker, Duplicating - PG 561
431 SE 2nd St - 7120
Stewart, Mrs. Iris P. - Sr Secy, President's Off - AD 226 455
824½ E University Ave
Stewart, Mrs. Laura B. - Sr Steno, Mechanical Eng - F 104 421
Box 126, Orange Lake, Fla
Stewart, Mrs. Lucile C. - Sr Steno, Registrar's Off - AD 33 226
919-A SW 5th Ave - 5930
Stewart, Mrs. Margaret F. - Chief Scoring Supervisor, Bd of Exam -
SE 405 235
822 NW 25th Ave 7379
Stewart, Miss Mary B. - Sr Steno, Alumni Affairs - AU 214
241 SE 2nd St - 3970
Stolz, Mrs. Helen S. - Sr Secy, Law - LW 353
216-T, Flavet III
Storer, Morris B. - Prof of Humanities - AN 102 452
Swan Lake, Box 167, Melrose, Fla
Storter, Mrs. Enid N. - Statistical Clerk, Economics, Ag Exper Sta -
HT 307-A 332
213 NW 15th Terrace - 4098
Story, Mrs. Mildred L. - Lab Asst, Soils, Ag Exper Sta - NE 312 567
244-B, Flavet III
Stout, Gerald J. - Prof of Horticulture - FL 205 217
2127 NW 7th Place - 4786
Strange, Mrs. Josephine - Steno, Architect to Bd of Control - E 343
18 NE 8th Ave
Strickland, John B. - Custodian Engineering, Janitorial - EI 531
Rt 3, Box 80 - 7653
Strickland, Miss Martha S. - Jr Secy, Intramurals - FG 128 243
408 NW 2nd Ave - 9842
Strickland, Thomas W. - Asst Prof of Industrial Arts Education -
YN 302-A 357
Hibiscus Park; Box 3017, University Sta - 3039
Strickland, Mrs. Valair - Jr Steno, Gen Exten Div - SE 904 234
Rt 3, Box 129 - Alachua 2478
Stripling, Robert O. - Asst Prof of Education - YN 120 473
1403 NW 6th Place - 5375
Stroud, Harry E. - Tech, Aeronautical Eng - N 120 316
Rt 4, Box 180 - 3396
Stryker, David - Asst Prof of English - AN 110 306
1108 NE 5th St - 7679
Stryker, Howard Z. - Timekeeper, Plant and Grounds - PG 431
725 NW 15th St, Box 2472
Stuckey, Mrs. Merle C. - Jr Secy, Education - YN 317 478
76-U, Flavet I
Sullivan, Arnold W. - Asst in Res, Eng Exper Sta - EI 332 308
916 NE 9th St - 4886
Summerhill, George W. - Asst Prof of Accounting - A 571
617 NW 16th Ave

Summers, Melvin D. - Asst Prof of Art - WA 303 628
1628 NW 3rd Place - 8073

Sumner, Mrs. Lois Cottrell - Laboratory Tech, Cancer Res - CR 395
1836 NW 2nd Ave

Sundberg, Mrs. Reba A. - Chief Clerk, Purchasing Dept - AD 102 465
Box 2121, Univ Sta- 3952

Susky, John Earle - Vocational Appraiser, Vet Guidance Center -
SE 1004 239
Box 2527, Univ Sta; Newberry Rd - 3785

Sutton, G. E. - Asst in Res, Eng Exper Sta - F 105 421
314 S Main

Svarlien, Oscar - Assoc Prof of Social Sciences - PE 211 646
Hibiscus Park

Swanson, Daniel C. - Prof of Physics - BN 101 310
1606 NW 12th Rd - 4597

Swanson, Leonard E. - Parasitologist, Ag Exper Sta - VE 342
124 NW 20th Drive - 5788

Swearingen, Miss Mary B. - Jr Secy, Intercol Athletics - FG 201 240
204 NE 5th Ave - 4215

Swearingen, Miss Myra - Sr Clerk, Comptroller's Off - AD 2 220
234 SW 3rd St - 5953

Sweeney, V. V. - Assoc Prof of Insurance - D 210 389
2226 NW 5th Place - 3412

Sweet, Miss Mary E. - Sr Steno, Law - LW 101 353
1124 NW 1st Place, Apt 12 - 6015

Swett, Miss Manette - Teacher, P K Yonge - YN 115 475
Rt 5, Palm Terrace

Swift, Leonard F. - Teacher, P K Yonge - YN 235 515
531 NE 9th St - 3601

Swords, Leonidas C. - Payroll Clerk, Housing - MU 246
116 NE 6th Ave - 6933

Sydnor, Mrs. Beryl F. - Sr Steno, Foundation-Education - YN 241 477
1018 SW 8th Ave

T

Taenzler, Mrs. Ann L. - Lab Asst, Ag Exper Sta - VL 566
247-S, Flavet III

TAGGART, Mrs. Agnes L. - Clerk, USDA-PMA - SE Annex 237
Rt 2, Box 61-E, Ocala Highway - 5717

Tarlton, Mrs. Elizabeth L. - Jr Vari-Typer Operator, Duplicating - PG 561
241-B, Flavet III

Tarrant, Paul - Asst Prof of Chemistry - LE 234 389
1723 NW 12th Rd - 7409

Tate, Mrs. Winnie B. - Jr Steno, Pharmacy - LE 318 429
314 NW 12th Ave, Apt 3

Tatham, Mrs. Louise J. - Sr Clerk, Registrar's Off.- AD 135 226
115 SE 4th St

Taylor, Mrs. Anna - Mimeograph Operator, Duplicating - PG 561
RFD 4

Taylor, Carlis A. - Tab Asst, Comptroller's Off - AD 23 272
3308 NW 10th St

Taylor, Mrs. Frances S. - Asst to Dir of Admissions, Registrar's Off - AD 135 226
205-T, Flavet III

TAYLOR, Mrs. Ruth F. - Agent, Tung Investigations, USDA - TL ..... (outside 3906)
3308 NW 10th St

Tedder, Paul M. - Res Eng, Eng Exper Sta - SE 1104 236
1626 SW 13th St - 4804

Teller, Morton H. - Curator of Physics - BN 101 310
1108 NW 3rd Ave - 4143

TeSelle, Clarence J. - Prof of Law - LW 111 353
White House Hotel - 6441

Teuton, Orin E. - Refrigeration Mech, Ag Exper Sta - DL 339
RFD 2, Box 134½

TEW, Paul J. - Draftsman, Architect to Bd of Control -E 343
2426 NW 6th St - 7652

Tew, Roy E. - Asst Prof of Speech - AD 325 347
902 NW 9th Ave - 8994

Thomas, Miss Caroline M. - Jr Secy, Forestry - HT 401 338
1930 NW 2nd Ave - 6451

Thomas, Miss Clarice - Sr Secy, Education - YN 126 472
1202 SW 1st Ave - 6922

Thomas, Mrs. Nancie - Jr Clerk, Registrar's Off - AD 135 226
915 SW 2nd Ave

Thompson, Arthur W. - Asst Prof of Social Sciences - OE 18 654
Rt 2, Box 58, Rocky Point Rd - 8049

Thompson, Buford D. - Interim Asst Horticulturist, Ag Exper Sta - VL 566
1020 NW 24th Ave - 9860

Thompson, Mrs. Dorothy R. - Jr Steno, Bus Org & Op - D 104 389
56-P, Flavet I

Thompson, Pierce J. - Glassblower, Chemistry - LE 1093 266
1778 SW 13th St - 3336

Thompson, R. F. - Night Watchman, Grounds - PG 431
401 NE 10th St - 6036

Thompson, Robert A. - Hd Prof of Aeronautical Eng - N 125-A 316
121 Whittier St - 6352

Thornton, George D. - Prof of Soils, Assoc Microbiologist, Ag Exper Sta - FL 206 217
307 Palm Terrace - 7247

Thurmond, Mrs. Eva N. - Billing Clerk, Central Stores - PG 431
207-B, Flavet III

Thurston, James N. - Assoc Prof of Electrical Eng - EI 342 309
516 NE 4th St - 8488

Tiffin, William T. - Assoc Prof of Mechanical Eng - EI 548 314
1928 NW 1st Ave - 6669

Tilley, Wesley H., Jr. - Asst Prof of Humanities - AN 102 452
Rt 4, Box 85, Archer Rd - 3073

Tillman, Miss Mary E. - Library Asst - LI 591
1604 NW 4th Ave
Timmons, Doyal E. - Exten Economist, Ag Exten Serv - HT 307 332
204 SW 4th Ave, Box 2484, Univ Sta - 3537
Tinny, Mrs. Harriette H. - Jr Secy, Journalism - K 201 597
Apt 7, Univ Manor - 7784
Tisdale, William B. - Hd Prof, Botany & Bacteriology - Hd, Plant Pathology - Ag Exper Sta - NE 102 322
Rt 5, Hibiscus Park - 7733
Tison, Mrs. Jean P. - Instr in Education - YN 116-A 475
491½ NW 14th St - 7770
Tissot, Archie Newton - Hd, Entomologist, Ag Exper Sta - NE 201 323
520 Blvd - 8364
Todd, Miss Helen - Statistical Clerk, Ag Economics - OD 4 335
912 SE 1st Ave
Tomlin, Robert F. - Asst Prof of Law - LW 205 353
Palm Terrace - 5457
Tomlinson, Mrs. Margaret A. - Jr Clerk-Typist, Bureau Economic & Bus Res - D 215 536
Rt 3, NW 13th St - 4766
Toney, Mrs. Evelyn B. - Jr Secy, Education - YN 326 479
1813 NW 2nd Ave
Topete, Jose M. - Interim Asst Prof of Spanish - OD 18 576
118 NW 19th St
Toporoff, Mrs. Hannabelle B. - Jr Steno, Gen Exten Div - SE 707 520
254-T, Flavet III
TORNWALL, Mrs. Claire H. - Clerk-Steno, VA - SE 10th FL ... (outside 8691)
626-B NW 10th Ave - 4600
Tornwall, George E., Jr. - Interim Instr in Accounting - A 9 571
626 NW 10th Ave - 4600
Torraca, P. M. - Prof of Architecture - E 186 512
1503 NW 14th Ave - 4374
Townsend, Mrs. Ruth O. - Professional Asst, Home Ec, Ag Exper Sta - NE 212 325
1219 NE 5th Ave - 8703
Traxler, Mrs. Felicia W. - Instr, Gen Exten Div - SE 806 231
Golfview, RFD 5 - 5380
Tripp, Mrs. Clara Lou - Sr Steno, Chemistry - LE 111 483
722 NE 3rd Ave - 8588
Trucano, George D. - Tech, Eng Exper Sta - SL 503
314 Waldo Rd - 5020
Truitt, Miss Martha C. - Gen Duty Nurse, Infirmary - IN 371
Nurses' Home - Ext 371
Trujillo, Vidal - Asst Prof of Spanish - YN 216 476
Box 2073 - 3305
Tucker, James A. - Tech, Chemistry - LE 236.2 266
Waldo, Fla, Box 32
Tucker, Woodson C., Jr. - Interim Instr in Chemistry - LE 337 630
21-G, Flavet I
Turlington, Mrs. May Baldwin - Library Asst, Cataloging - LI 591
2180 NW 13th St - 8792

Turner, Dan W. - Telephone Service, Elec Maintenance ; - MS 431
621 NE 5th St - 6968
Turner, G. Manual - Asst Dn, Gen Exten Div - SE 903 234
1126 NW 10th Ave - 4628
Tuttle, Frank W. - Assoc Prof of Economics - D 207 631
1540 NW 6th Ave - 5537
Tweedle, Mrs. Vonda Jean - Jr Typist, Housing - MU 246
251-R, Flavet III
Tygart, Mrs. Florie A. - Statistical Clerk, Ag Economics, Ag Exper Sta -
OD 14 445
3 NE 4th St
Tyner, Mack - Assoc Prof of Chemical Eng - N 108 317
Baltimore Drive - 6828
Tyson, Miss Janie Lee - Cataloger, Res Library, Ag Exper Sta -
HT 209 328
237 SW 2nd Ave - 4130
Tyson, Mrs. Joyce C. - Jr Steno, Housing - MU 250
1323 NW 8th St - 3673

V

Valentine, Gilbert J. - Tech, Eng Exper Sta - BA 102 420
Rt 2, Box 285, Hawthorne Rd
Valk, Melvin E. - Assoc Prof of German - AN 3-B 576
2012 NW 3rd Ave - 8802
Vanhoozer, Mrs. Bonnie J. - Jr Typist, Music - R 102 671
201-C, Flavet III
Van Ness, Glenn - Assoc Prof, Veterinary Sc, Assoc Poultry Pathologist,
Ag Exper Sta - PL 403
1215 NW 12th Ave - 7867
VanValkenburg, Howard M. - Tech, Eng Exper Sta - EI 332 308
Apt T-169, Alachua Airbase
Vedder, Clyde B. - Asst Prof of Social Studies - PE 307 487
819 NW 10th Ave
Vermilye, Dyckman W. - Resident Adviser, Murphree Hall - MU 246
Murphree Hall - 246
VICKERS, Mrs. Georgia P. - Clerk, USDA-PMA - SE Annex 237
1011 NE 8th Ave - 7475
VICKERY, Frederick M. Jr. - Admin Asst, USDA-PMA - SE Annex 237
1537 NW 8th Ave - 8353
Volk, G. M. - Soils Chemist, Ag Exper Sta - NE 414 567
1005 NW 16th Ave - 5973
Voss, Elbert - Hd Prof of Pharmacognosy and Pharmacology - LE 446 603
916 NW 9th Ave - 3628
Voyles, Louis V. - Asst Univ Examiner, Bd of Exam - SE 405 235
1740 NW 1st Ave - 3010

W

WADE, Mrs. Edith E. - Steno, SDA, Dairy Division - SE 408 .... (outside 3732)
713 NW 25th Ave - 3954

Wade, Miss Phyllis - Sr Library Asst - Ll 593
1208 SW 1st Ave, Apt 2
Waglow, Irving F. - Asst Prof of Req Phys Ed - FG 134 244
1628 NW 3rd Place - 7696
Wagner, John M. - Tech, Eng Exper Sta - BA 102 420
Box 84, McIntosh, Fla
Waits, Mrs. Leafy V. - Cashier, Soda Fountain - SS 207
505 NE 9th Ave - 6853
Walker, Biron H. - Asst Prof of English - AN 302 601
S Shore, Bivens Arm
WALKER, Mrs. Helen S. - Clerk-Steno, Sta Dept of Education, Voca Rehabilitation - SE 704 ..... (outside 3621)
234-U, Flavet III
Walker, Miss Mary H. - Teacher, P K Yonge - YN 209 476
1005 SW 6th Ave - 4365
Walker, Robert D., Jr. - Prof of Chemical Eng & Res Asst- Eng Exper Sta - N 208 317
411 NE 9th St - 4086
Walker, Mrs. Sue R. - Periodicals Asst - LI 591
9 Stengel Field, Box 2117 Univ Sta - 7248
Walker, Mrs. Virginia C. - Assoc Resident, Yulee Hall - YU 392
Yulee Hall - 392
Wallace, Alvin T. - Asst Agronomist, Ag Exper Sta - NE 308 439
1239 NW 10th Ave - 6949
Wallace, Harold D. - Asst Prof of Nutrition - NL 340
821 NW 13th St - 5395
Wallace, Howard K. - Prof of Biology - O 575
920 SW 1st Ave - 7042
Wallace, Mrs. Jacqueline, H. - Jr Steno, Registrar's Off - AD 135 226
205-S, Flavet III
Wallace, Maxwell J. - Instr in French - AN 3-A 576
1527 NW 7th Place - 8930
Wallace, Miss Patricia E. - Social Dir, Florida Union,- FU 212
1202 SW 1st Ave
Wallace, William A. - Plumber, Maintenance - PG 431
445 NW 27th Ave
Walters, Kenneth C. - Interim Instr of Mathematics - WA 102 586
Rt 2, Box 191-A, Hawthorne Rd
Warfel, Harry R. - Prof of English - AN 213 305
Hibiscus Blvd & Lantana Ave - 8902
Warner, Mrs. Lempi - Sr Clerk, Registrar's Off - AD 33 226
Rt 3, Box 284-G
Warren, Miss Barbara K. - Asst Prof of Art - C 108 448
1236 SW 1st Ave - 7392
Warrington, Miss Florence E. - Bkkpr, Admin, Ag Exper Sta - HT 123 494
316 NE 1st St - 3583

Warrington, Howard - Chief Mechanic, Ag Exper Sta - STA Farm ..... (outside 6761)
RFD 4 - 6761

WARRINGTON, Mrs. Linda B. - Sub Clerk, Post Office - Univ Sta ..... (outside 4981)
Archer Rd - 7084

Warshyk, Edward A. J. - Shop Foreman, Eng Exper Sta - BA 102 420
1413 NW 13th St, Box 2802, Univ Sta - 4667

Waters, Miss Charlotte R. - Library - LI 591
725 NW 11th Ave

Wathen, Lawrence J. - Instr of Humanities - AN 102 452
927 NW 8th Place - 7057

Watkins, John V. - Assoc Prof, Horticulture - OG 286
1811 NW 6th Ave - 4115

Watkins, Mrs. L. E. Jones - Instr in Foundations of Ed - YN 242 477
636 NE 7th St - 6559

Watkins, Mrs. Maud C. - Teacher, P K Yonge - YN 205 476
403 SW 10th St - 3418

Wattenbarger, James L. - Interim Asst Prof of Ed Foundations - YN 330 479
805 NE 8th Ave - 3358

Weaver, Mrs. Dorothy B. - Gen Duty Nurse - IN 371
735 NE 12th Ave

Weaver, Mrs. Edna J. - Supervisor of Clinic - IN 371
245-S, Flavet III

Weaver, Jennings C. - Asst Prof of Speech - AD 362 346
724 NE 4th Ave - 5024

Webb, Mrs. Anne W. - Sr Steno, Personnel Off - AD 102 352
200 SE 7th St

Webb, Bryan Jr. - Interim Instr in Electrical Eng - EI 432 309
1115 NW 13th Ave - 9827

WEBB, D. Neil - Chief Structural Designer & Office Mgr, Arch to Bd of Control - E 343
738 NE 2nd St - 7275

Webb, J. N. - Prof of Economics - D 206 389
Melrose, Fla

Webber, M. George - Interim Instr in Pharmacy - LE 428 429
Rt 2, Box 184½

Weber, George F. - Prof of Plant Pathology - HT 406 338
1122 SW 3rd Ave

Weekly, Miss Elsie - Hd Resident, Yulee Hall - YU 392
Yulee Hall - 392

Weeks, Miss Margaret S. - Assoc Prof of Women's Req Phys Ed - FG 306 .. 532
1714-B NW 2nd Ave - 8040

Weil, Joseph - Dean, Engineering & Prof Electrical Eng - EI 300 311
424 NE 8th Ave - 5413

Weimer, Rae O. - Dir, School of Journalism - K 201 549
2042 NW 7th Lane - 4003

Weiss, Miss Margaret J. - Asst Dietitian, Food Service - CA 661
Dietitian's House

Welborn, Miss Elizabeth C. - Cataloger - LI 591
214 NE 5th Ave - 5330
Welch, Miss Doris - Gen Duty Nurse - IN 371
627 NW 12th Terrace - 3994
Welch A. Philip - Asst Res Eng, Eng Exper Sta - BA 106 419
1823 NW 5th Ave, Apt 8 - 3094
Wells, Thomas N. - Tabulating Supervisor, Comptroller's Off - AD 23 272
2701 NW 12th Rd
Wershow, Irving R. - Asst Prof of Spanish - AN 3-A 576
Box 96, Alachua, Fla
Wescott, Roger W. - Interim Asst Prof of English & Humanities -
AN 102 452
715 SW 9th St, Apt 9
West, Erdman - Prof of Botany, Botanist & Mycologist, Ag Exper Sta -
NE 101-B 322
220 NW 12th Terrace - 3863
West, Mrs. Josephine A. - Sr Secy, Arts & Sciences - AN 103 504
Newberry Rd, Rt 5 - 4260
West, Stanley L. - Dir of Libraries & Prof of Bibliography - LI 591
1537 NW 7th Ave - 7132
Westfall, Minter J., Jr. - Asst Prof of Biological Sciences - H 501
1616 NW 7th Place - 6797
Wetherington, Mrs. A. Ann - Clerk-Typist, Gen Exten Div - SE 906 233
410½ NW 1st Ave
Whiddon, Jack - Operator, Sewage Treatment Plant - ST 431
207 SE 9th St - 8395
Whigham, Miss Barbara B. - Clerk-Typist - LI 591
1013 NW 3rd Ave - 6145
White, D. C. - Carpenter, Maintenance - MS 431
Rt 2, Box 269 - 8517
White, David C. - Assoc Prof of Electrical Eng - EI 344 309
1504 NW 11th Rd - 6834
White, Fred A. - Stock & Bindery Supervisor, Duplicating - PG 561
505 S. Main St - 4119
White, Mrs. Jane S. - Lib Asst - LI 591
421 NW 15th St
White, Joseph B. - Dean and Prof of Education - YN 126 472
1033 NW 22nd Ave - 6912
White, Trubie A. - Steamfitter, Plant & Grounds - HP 431
Rt 2, Box 277-A3
Whitehead, Richard H. - Asst Registrar, Registrar's Off - AD 33 226
923 NW 21st Terrace 8642
Whiteman, James O. Jr. - Electrician, Maintenance - MS 431
1050 NE 10th Place - 3610
Whitten, Mrs. Jane P. - Jr Typist - FU 265
508 NE 1st St
Whittlesey, Edward D. - Dir of Public Relations - AD 228 397
1006 NW 14th Ave - 6774
Wilbur, Mrs. Eleanor B. - File Clerk, Housing - MU 250
227-R, Flavet III

Wildes, Mrs. Edwina C. - Statistical Clerk, Ag Exten Serv - HT 119 497
625 NW 33rd Place, Rt 3, Box 84-B
Wiles, Kimball - Hd Prof of Secondary Education - YN 329 479
723 NE 7th Terrace
Wilgus, A. Curtis - Interim Dir of Grad School of Inter-Amer Studies & Interim Prof of History - LI 452 514
215 Blvd - 6683
Wilkes, Miss Doris E. - Assoc Resident, Grove Hall - GR 695
Grove Hall - 695
Wilkins, Woodrow W. - Instr in Architecture - U 101 330
Apt C, 206 NW 17th St
Wilkowske, Howard H. - Asst Dairy Technologist, Asst Prof of Dairy Mfgrs - Ag Exper Sta - DL 104 396
1743 NW 7th Place - 6519
WILL, George A. - Letter Carrier, Post Office - Univ Sta ..... (outside 4981)
Rt 4, Archer Rd - 3393
WILL, Miss Mary A. - Sub Clerk, Post Office - Univ Sta ..... (outside 4981)
Rt 4, Box 20-A, Archer Rd - 3393
Willcox, Mrs. Norma S. - Jr Steno, Ag Exten Serv - NE 402 329
201-S, Flavet III
Williams, Mrs. Annette W. - Sr Library Asst, Cataloging - LI 591
1326 NE 6th Terrace - 8193
Williams, Mrs. Bernice O. - Bkkpr, Comptroller's Off - AD 2 253
Rt 3, Box 86-PW - 6815
Williams, Clifford D. - Hd Prof of Civil Eng - EI 212 204
1740 NW 7th Ave - 3118
Williams, David - Carpenter, Maintenance - PG 431
3154 NW 10th St - 6022
Williams, Hainesworth F. - Electrician, Maintenance - MS 431
217 NW 1st Ave - 8893
Williams, Herman B. - Assoc Res Eng, Eng Exper Sta - BA 104 421
Rt 4, Box 202, Archer Rd - 3322
Williams, James E. - Electrician, Maintenance - MS 431
102 NW 13th St
Williams, Osborne - Asst Prof of Psychology - OF 3 .....
921 NE 6th St - 4288
Williams, Miss Phillippa - Statistical Clerk, Ag Exper Sta - OD 10 445
17 NW 7th St - 5009
Williams, Walter Rollins, Jr. - Prof & Hd, Industrial Arts & Voc Ed - YN 300 357
Lake Wauburg
Williams, Willard P. - Tech, Civil Eng - SL 503
1030 - W Depot
Williamson, Edward C. - Instr in History & Collector of Fla Manuscripts - OE 13 428
725 NE 7th St - 8909
Williamson, Robert C. - Hd Prof of Physics - BN 101 310
View Drive, Golfview - 3766
Willingham, Mrs. Elizabeth G. - Sr Steno, Dean of Men's Off - AD 128 302
814 NW 11th Ave

Willingham, James W. - Instr in Forestry - K 212.....
313 NW 2nd St
Willoughby, C. H. - Retired Prof, Animal Husbandry - NE 204 324
104 NW 14th St - 5470
Wilson, James L. - Asst Prof of English - AN 207 305
Apt 26, Univ Manor
Wilson, John W. - Assoc Prof of Electrical Eng - EI 250 309
Gwynn Oaks, Alachua Co - 4777
Wilson, William H. - Hd Prof, Freshman Logic, Stu Counsellor -
AD 204 300
Archer Rd - 3352
Wimberly, Stan E. - Asst Dean, Arts & Sciences, Assoc Prof of Psychology -
AN 103 504
Box 2655, Univ Sta, Ocala Rd - 3083
Wing, Mrs. Frances N. - Statistical Clerk, Economics, Ag Exper Sta -
OD 14 445
724 NW 37th Ave - 8903
Winn, Miss Columbia - Asst Prof of Education - YN 240 477
1920 NW 12th Rd
Winsor, Arthur N. - Asst Prof of Civil Eng - EI 203 203
916 NE 7th Terrace
Winsor, Herbert W. - Asst Chemist, Ag Exper Sta - NE 312 567
Glen Springs Rd - 8915
Winters, Mrs. Jean - Chief Order Clerk, Bookstore - SS 665
200-B, Flavet III
Wirtala, Arnold E. - Instr of Music - R 135 671
917 NW 9th Ave - 8619
Wise, Miss Emma M. - Sr Secy, Ag Economics - FL 106 696
1119 SW 3rd Ave
Wise, J. Hooper - Prof of Freshman English & Hd of Dept - AN 207 305
114 NW 20th Terrace - 4153
Wise, W. Max - Dean of Stu Personnel - AD 128 257
1425 NE 7th St - 4370
Wise, Walter W. - Sr Clerk, Military Property Records - L 480
302 SE 6th St - 7704
Wofford, Irvin M. - Instr in Agronomy - FL 302 615
314 S Main St - 6050
Wofford, Miss Kate V. - Prof of Elementary Education - YN 102 518
1530 NW 4th Ave - 4710
Woislowski, Siegfried - Asst Prof, Cancer Research - CR 395
SW 9th Terrace
Wolfe, George E. - Instr in Social Sciences - PE 110 654
924 SW 7th Ave
Wolfe, Herbert S. - Hd Prof, Horticulture - FL 207 217
2115 NW 7th Lane - 7653
Wolfmeyer, Miss Louise - Jr Steno, News Bureau - AD 138 288
739 SW 2nd Terrace - 7458
Wood, Mrs. Christine W. - Sr Steno, Horticulture, Ag Exper Sta - NE
300 327
113 NW 13th St

Wood, Mrs. Elizabeth - Invoice Clerk, Comptroller's Oft - AD 2 523
717 NE 3rd St - 9508
Wood, Mrs. Lucy F. - Tech, Eng - SE 1104 236
215-U, Flavet III
Wood, Michael J. - Res Mgr, Flavet I, Housing 581
10-D, Flavet I
Woodall, Miss Grace E. - Library Intern, Library - LI 591
321 SW 13th St
Woodall, Miss Rosalie C. - Tech, Electrical Eng - EI 224 309
321, SW 13th St
Woodruff, George R. - Dir of Athletics & Hd Coach, Intercol Athletics - FG 228 242
1735 NW 7th Place - 6605
Worcester, Donald E. - Asst Prof of History & Social Sc - OE 20 428
Palm Terrace - 5079
Workinger, Calvin J. - Electrician, Maintenance - MS 431
622 NW 33rd Ave - 5179
Wunderlich, Henry - Assoc Prof of Psychology - E 152 337
1506 NW 16th Ave - 6044
Wurster, Mrs. Margaret - Bkkpr, Bookstore - SS 66
3513 N Alabama Ave - 3102
Wyatt, John W. - Asst Prof, Bus Org & Op - D 121 277
1722 NW 2nd Ave
Wynn, Miss Dorothy L. - Sr Steno, Law - LW 101 353
911 SE 4th St - 4320
Wynn, Mrs. Fern H. - Statistical Clerk, Ag Economics - HT 311 333
917 SE 4th St - 3798

Y

Yawn, William H. - Multilith Operator, Duplicating - PG 561
Michigan Heights
Yeats, Mrs. Elizabeth R. - Admin Asst, Graduate School - AD 235 459
312 NW 15th St - 5359
Yoder, Lowell C. - Assoc Prof, Bus Org & Op - D 116 277
1124 NW 14th Ave - 5104
Yon, Miss Adelaide - Exec Asst, Phys Ed - FG 202 241
403 SW 10th St - 5763
Yon, Everett M. - Admin Asst, Intercol Athletics - AU 460
2409 NW 7th Lane - 3982
Yonge, Julien C. - Dir, Yonge Library of Fla History - LI 591
210 NW 15th Terrace
Yonge, Philip K. - Asst Prof, Law - LW 209 353
321-A SW 12th St - 8315
YOUNG, Charles F. - Program Specialist, USDA - PMA - SE Annex 238
1220 SW 1st Ave - 4017
Young, John W. - Instr of Mathematics - WA 102 586
1175 SW 13th St - 3089
Young, Miss Louetta C. - Sr Steno, Arts & Sciences - PE 310 487
1015 NE 3rd St - 5362

Young, Mrs. Maryanne B. - Sr Clerk-Typist, Student Personnel Records - AD 124 259
234-C, Flavet III

Youngblood, Manuel L. - Apprentice Electrician, Maintenance - MS 431
Gen Del, Waldo, Fla

Youngs, Miss Marian A. - Hd, Dept of Audio-visual Aids & Asst Prof, Library Science - LI 591
Box 2075, Univ Sta, Palm Terrace - 7446

Z

Zeigler, Henry - Farm Supt, Ag Exper Sta Farm ..... (outside 6761)
Stadium Rd - 552

Zetrouer, Wallace F. - Asst in Res, Eng Exper Sta - EI 332 308
Rochelle, Fla

Ziegler, Edwin A. - Prof of Forest Management - HT 413 338
16 NW 22nd Drive - 4587

Ziegler, Louis W. - Asst Prof, Horticulture - FL 205 217
625 NW 22nd St - 7162

Ziegler, Raymond J. - Instr in Statistics, Bus Org & Op - D 202 389
202 NW 12th Terrace - 5368

Zimpfer, W. H. - Asst Prof of Civil Eng - EI 126 203
1238-C SW 1st Ave

Zinn, Charles J. - University Physician - IN 371
231 Annis Blvd - 6214

The University Record
of the
University of Florida

Student Directory

1951-52

Vol. XLVI *Series 1, No. 11* *November 1, 1951*

Published monthly by the University of Florida, Gainesville, Florida. Entered in the post office in Gainesville, Florida, as second-class matter, under Act of Congress, August 24, 1912
Office of Publication, Gainesville, Florida

ABBREVIATIONS

Colleges and Schools

AG Agriculture
AR Architecture & Allied Arts
AS Arts & Sciences
BA Business Administration
ED Education
EG Engineering
FY Forestry
GR Graduate
JM Journalism
LW Law
PE Physical Ed. Health & Athletics
PH Pharmacy
UC University College

Classes

1 Freshman
2 Sophomore (In Law, Junior)
3 Junior (In Law, Senior)
4 Senior
5 Graduate
6 Special

University Residence Halls

BU Buckman
FR Fletcher
GR Grove
MA Mallory
MU Murphree
NO North
RI Reid
SD Sledd
SO South
TH Thomas
TO Tolbert
WE Weaver
YU Yulee

For a directory of men's fraternities, women's fraternities, student government offices, and religious organizations, see pages 125 through 128.

STUDENT DIRECTORY 1950–51

The information is given in the following order:

Name
Residence address
Mailing address (if it differs from the residence address)
College in which the student is registered
Class
Telephone number

A

AARON DAVID E II	TEP HSE	LW	1	
ABBOTT BENJAMIN E JR	PIKP HSE	UC	2	
ABBOTT CHARLES WARRENATO HSE		LW	1	
ABBOTT DOYLE EDWIN	STENGEL FIELD BX 238	AG	4	
ABERCROMBIE WILLIAM G	113 NW 17TH ST	EG	3	7332
ABERNATHY EDW FRANCIS	51A TH GEN DEL U STA	AG	3	
ABERT MATTIE ELLEN	128 YU	UC	1	
ABRAMS GEORGE EDWARD	1834 NW 1ST ST PILP	PH	3	
ABRAMS PHILIP JULIAN	468 MU GEN DEL U STA	UC	1	
ACKERMAN JACK EMIL	TEP HSE BX 551	LW	1	8863
ACOSTA CYNTHIA C	169 YU	UC	1	
ACREE AMOS EUGENE	1103 NW 22ND AVE	GR	5	9892
ACREE FREDERICK HARRY	SW 8TH ST	AS	3	
ACREE RICHARD M	104 SW 8TH ST	AG	4	
ACREE ROBERT EMMETT	104 SW 8TH ST	UC	1	6826
ACREE WILLIAM DONALD	40A BU GEN DEL U STA	UC	2	
ACUNA JULIO CESAR	53 TH GEN DEL U STA	AR	4	
ADAIR DONALD JOHN	BX 2296 134 SD	UC	2	
ADAIR JOANN	9 MA	UC	1	
ADAIR JOHN LANGLEY	339 MU BX 2748	UC	2	7429
ADAMS ALICE WEISE	611 NW 10TH AVE	GR	5	
ADAMS ALTHEA DELOACH	COMMUTES HILLIARD	GR	5	
ADAMS ANNETTE ELAINE	143 GROVE HALL	UC	2	
ADAMS BARBARA LOU J	1006 NE 9TH AVE	UC	2	4094
ADAMS CLAUDE T SR	231D FLAVET 3	GR	5	
ADAMS DEVITT JOHN	629 TO	UC	1	
ADAMS DONALD EZELL	1129 NW 4TH ST	GR	5	
ADAMS DOROTHI KAY	103 NW 10TH ST	UC	2	
ADAMS FRANK THOMPSON	611 NW 10TH AVE	GR	5	9567
ADAMS GEORGE EDWARD	KS HSE	LW	1	
ADAMS GEORGE L JR	408 NE 7TH ST	BA	3	
ADAMS GLEN LEROY	GEN DEL U STA	UC	2	
ADAMS HELEN A	1009 NE 9TH AVE	UC	2	4094
ADAMS JOHN QUINCY	1432 W UNIV	UC	2	
ADAMS MARTHA GOODWIN	231D FLAVET 3	GR	5	
ADAMS PATRICIA EDNA	222 RE	UC	1	
ADAMS PURL GORDON	8A DORM L	UC	1	
ADAMS RAY HUGHOLN	24 BU BX 3108	EG	4	
ADAMS REUEL TOWNSEND	DORM I GEN DEL U STA	UC	2	
ADAMS ROBERT EDWARD	21 SW 6TH ST	AG	3	4592
ADAMS ROBERT EUGENE	RT 5 BX 15	UC	2	
ADAMS WILLIAM CARL	CLO HSE	PH	3	
ADCOCK HENRY CLIFTON	1305 NW 3RD AVE	UC	2	
ADCOCK LOUIE N JR	ATO HSE	AS	3	4463
ADDINGTON JAMES HENRY	129 SD GEN DEL U STA	BA	3	
ADDISON WILLIAM ELDON	129 SD GEN DEL UNIV	BA	3	
ADE JAMES LEE	746 N HALL	UC	1	
ADEL FRANK E	543 NE 8TH AVE	PH	3	
ADELBERG JOHN	432 MU GEN DEL U STA	AR	4	
ADICKS RICHARD R JR	GA SFAGLE HALL	UC	1	

ADKINS WILLIAM D	WE	UC	1	
ADKINSON JAMES A	HIBISCUS PARK	GR	5	4775
ADKISON MORRIS ALLEN		UC	2	
ADLER ARTHUR ALLEN	899 SO	UC	1	
ADNET JACQUES JIM	72 BU BX 2524	AS	3	
AGUGLIA JOSEPH PETER	19F FLAVET 1	GR	5	
AIDE JOHN EDWARD	SPE HSE	UC	2	5903
AIKEN HAROLD VERNON	224 D FLAVET 3	EG	3	
AIKIN MARTHA TRICE	COMMUTES ST PETE	GR	5	
AIKMAN ROBERT WALSH	46 BU BX 2126	BA	3	
AITON ELBERT LEON	229 SW 2ND PL	UC	2	6390
AKEL FUAD SALIM	12 DORM A GEN DEL	UC	2	
AKERMAN FRANK BRUCE	PIKA HSE	LW	2	3976
AKERMAN HUGH JR	642 W BLVD	GR	5	
AKERMAN ROBERT HOWARD	14 UNIV MANOR	GR	5	
AKIN JACK WEBSTER	KA HSE	ED	4	
AKINS ELWYN MITCHELL	111 NW 18TH ST	LW	1	3200
AKRIDGE ANNE ELIZ	32 MA	UC	1	
AL NAHR MUKSIN KAZIM	397 MU BX 3031	UC	2	
ALBAUGH VIRGINIA M	INF BX 2469	AS	4	
ALBERGO JOSEPH	846 SO GEN DEL U STA	UC	1	
ALBERT RONALD LEWIS	117 NW 17TH ST	UC	2	
ALBERT ROOSEVELT A JR	MU GEN DEL U STA	UC	1	
ALBERTSON DENTON I JR	SC HSE	UC	2	
ALBERTY ARTHUR LEE	347 MU GEN DEL U STA	AG	4	
ALBRIGHT BUNN D JR	SN HSE	AR	4	7353
ALBRIGHT GEORGE J	PIKA HSE	UC	2	3907
ALBRITTON JAMES PAUL	63 TH BX 2572	EG	3	
ALBRITTON KENNETH D	115 NW 10TH ST	UC	2	9222
ALBRITTON MARGARET Y	212 RI	UC	1	
ALBRO WAYNE EDGAR	220T FLAVET 3	EG	3	
ALBURY AGNES LOUISE	207 RI	UC	1	
ALBURY WILLIAM VICTOR	455 MU GEN DEL U STA	UC	2	
ALDERMAN RUTH RANSUM	COMMUTES TAMPA	GR	5	
ALDRIDGE NORMA V	96Z FLAVET 1	UC	2	
ALDRIDGE WESLEY KEITH	96Z FLAVET 1	ED	4	
ALEXANDER DOROTHY E	COMMUTES BUNNELL	GR	5	
ALEXANDER JOSEPH JR	3 DORM A	LW	2	
ALEXANDER RICHARD D	214 NW 14TH ST	UC	2	6558
ALFONSO MARIO JOSEPH	1320 W UNIV	UC	2	8183
ALFONSO VIOLET	711 NE 5TH TERR	UC	1	
ALFORD BARBARA JEAN	150 GR	ED	3	
ALFORD ORLANDO F JR	966 WEAVER BX 3009	UC	2	
ALLABEN FRANK W JR	418 MU KS HSE	BA	3	
ALLAIS RICHARD CHAS	1017 NW 11TH AVE	LW	1	
ALLAN CHARLES GALPHIN	980 WE	UC	1	
ALLAN GAYLORD THOMAS	133 SD GEN DEL U STA	UC	2	
ALLBRITTON OWEN S III	411 NW 15TH ST	LW	3	
ALLBRITTON WILLIAM O	SAE HSE	AR	3	
ALLEN ADRIAN C	787 NO	UC	2	
ALLEN BILLY JAY	1426 W UNIV	AG	3	
ALLEN CHARLES LEE	768 TH BX 2288	UC	2	
ALLEN DANIEL LEE	1107 NE 4TH ST	AS	3	4113
ALLEN DAVID EDWARD	RT 2 BX 278	EG	3	
ALLEN DURWOOD CLARK	17 DORM B GEN DEL U	UC	2	
ALLEN EDWARD	RFD 3 BX 286	UC	2	
ALLEN EVELYN	1823 NW 5TH AVE	PE	4	
ALLEN FRED WALTER	889 SO	UC	1	
ALLEN FREDERIC A	445 MU GEN DEL U STA	UC	2	
ALLEN GEORGE F	HIBISCUS PARK	AS	4	4260
ALLEN GEORGE	117 SD PDT HSE	UC	2	9180
ALLEN JAMES JR	LINDBURGH AVE	UC	1	
ALLEN JEAN BROWN	RT 3 BX 286	UC	2	
ALLEN JOHN WALTER	1012 SW 1ST AVE	BA	3	
ALLEN MARGARET J	209 F BOULEVARD	UC	2	7642
ALLEN MARILYNN J	158 YU	UC	1	
ALLEN MARTHA EVELYN	COMMUTES HILLIARD	GR	5	
ALLEN MILLER VAN	1702 W UNIV	EG	4	3012
ALLEN MORTON M	23 DORM M GEN DEL U	UC	1	
ALLEN PAUL EVANS	360 MU BX 3071	AR	4	
ALLEN ROBERT L III	1937 NW 1ST ST	UC	2	7670
ALLEN ROSE LINA	HIBISCUS PARK	AS	4	4260
ALLEN THOMAS LEROY	214 NW 14TH ST	UC	2	
ALLEN WILLIAM DAVID	UNIV LODGE	UC	2	
ALLEN WILLIAM E JR	2523 NW 6TH ST	UC	2	6512

ALLEN ZALENE FRANCES	137 YU	UC	1		
ALLENDER HOWARD F	213R FLAVET 3	AR	4		
ALLENDER VIRGINIA T	213R FLAVET 3	GR	5		
ALLIASON JOHN RICHARD	117 NW 17TH ST	UC	2		
ALLIMAN WALTER JOHN	1116 SW 2ND AVE	UC	2	7096	
ALLIN GEORGE WILBUR	ATO HSE	UC	2		
ALLISON ARNOLD WILEY	CLO HSE	UC	2		
ALLISON CARL LEROY JR	PIKA HSE	UC	2		
ALLISON JOHN MCLEAN	1012 WE	UC	1		
ALLMOND OLA R C	COMMUTES OCALA	GR	5		
ALLRED GEORGE L	43E BU GEN DEL U STA	UC	2		
ALLSOPP JAMES EDWARD	SAE HSE	BA	4		
ALLYN CHARLES FRANCIS	10 DORM K	UC	1		
ALONSO BRAULIO	COMMUTES TAMPA	GR	5		
ALONSO ELIO	925 NW 24TH AVE	AR	3		
ALONSO TERESA	140 GR	UC	2		
ALONZO LESLIE R	214 NW 14TH ST	UC	2		
ALPER ARTHUR EUGENE	21A BU BX 2549	GR	5		
ALPER JOAN MARCIA	261 RI	UC	2		
ALPERSTEIN MARVIN L	TEP HSE	BA	3	8863	
ALRED GLENN JR	DTD HSE	UC	2		
ALSMEYER MARJORIE G	162 YU	UC	1		
ALSMEYER RICHARD H	GEO SEAGLE HALL	AG	3		
ALTHAUS JAMES F H	KS HSE	BA	4	8424	
ALTMAN ROBERT S	799 NO	UC	1		
ALTMIX DONALD RICHARD	312 NE 1ST AVE	AS	3	7807	
ALTON WILLIAM D	IDEAL TR PK	AS	4		
ALTVATER ALLEN CHAS	770 NO	UC	2		
ALVAREZ ANTONIO T	PKT HSE	UC	2		
ALVAREZ GEORGE A	4 DORM K	UC	1		
ALVAREZ JOE	154 SD BX 3016	UC	2		
ALVAREZ JOHN	295 FR GEN DEL U STA	GR	5		
ALVORD CLIFFORD M	1914 12TH TERR	GR	5	8898	
AMADEO JOSE LUIS	9 DORM N BX 3306	UC	2		
AMADOR ALVARO	BX 2553	UC	2		
AMBROSE KARL JORDON	116 N 1ST PL KA HSE	UC	2		
AMES THOMAS ROBERT	GEO SEAGLE HALL	UC	2	6790	
AMIDON ANN SIGLEY	87 GR	UC	2		
AMMENHEUSER JAMES M	GEN DEL U STA 175 SD	UC	2		
AMMONS JOHN CARL	966 WEAVER	UC	2		
AMMONS JOHN J	414 N E 5TH AVE	UC	2		
AMOR MANUEL JR	DC HSE	PE	3	7294	
AMORGEANOS NICK	149 SD GEN DEL U STA	UC	2		
AMOS ALFRED SMITH	202B FLAVET 3	AR	3		
AMOS ROBERT FARRISH	217 ANNIS BLVD	BA	3	6840	
ANDELFINGER GEORGE F	235 FR GEN DEL U STA	AS	4		
ANDERS ROBERT VERNON	120 NW 10TH ST	UC	1		
ANDERSEN KENNETH R	115 NW 15TH ST	ED	3	6203	
ANDERSEN MARCIA E	122 GR GEN DEL U STA	UC	2		
ANDERSON ALFRED F	10 DORM K	UC	1		
ANDERSON ARTHUR S	826 NW 1ST PL	UC	1		
ANDERSON BARBARA A	83 MA	UC	1		
ANDERSON BRYAN G JR	ATO HSE	UC	2		
ANDERSON CHALKER A	116C NW 18TH ST	UC	2		
ANDERSON CHARLES A	213S FLAVET 3	EG	3		
ANDERSON CHARLES H	176 SD BX 3057	AG	4		
ANDERSON CHARLES W	55A TH GEN DEL U STA	FY	4		
ANDERSON DALE GORDON	SAE HSE	AR	4		
ANDERSON DONALD PAUL	116 NW 16TH ST	ED	3		
ANDERSON EMIL FRANZ	407 MU BX 2632	EG	3		
ANDERSON EVA EPPERSON	COMMUTES STARKE	ED	4		
ANDERSON EWING WARREN	DORM K 15	UC	1		
ANDERSON GEORGE R	GA SEAGLE HALL	UC	2		
ANDERSON GUSTAV WM	211D FLAVET 3	UC	2		
ANDERSON GUY PERRY JR	1018 WE	UC	1		
ANDERSON JAMES LEE	946 WEAVER	UC	2		
ANDERSON JAMES LESTER	GEN DEL U STA	UC	1		
ANDERSON JAMES N III	RT 5 GOLFVIEW	UC	1	6610	
ANDERSON JOHN DAVID	740 NW 20TH ST	GR	5		
ANDERSON JOSEPH G JR	899 BEAVER	UC	1		
ANDERSON JOSEPH ROY	254 FR BX 2784	LW	1		
ANDERSON KENNETH B	738 TO	UC	1		
ANDERSON LAWRENCE R	176 SD GEN DEL U STA	UC	2		
ANDERSON MALCOLM	424 MU GEN DEL U STA	AS	4		
ANDERSON MARIE D	MA	UC	1		

ANDERSON MARION YACOS	204 BENTON HALL	GR	5	4977
ANDERSON RICHARD M	431 NE 9TH AVE	AS	4	5014
ANDERSON ROBERT J JR	97A TH GEN DEL U STA	BA	3	
ANDERSON SAMUEL ARVID	736 TO	UC	1	
ANDERSON WILLARD L	20 DORM O GEN DEL U	UC	2	
ANDERSON WILLIAM J	204 BENTON HALL	GR	5	
ANDERTON THOMAS JAMES	1962 HERNANDO ST	AS	3	
ANDES JOHN OLIVER JR	719 TO	UC	1	
ANDRADE GABRIEL	340 MU BX 2019	AR	3	
ANDREU GEORGE EARL	235C FLAVET 3	AG	4	
ANDREU JOHN W	CRANF HALL	UC	1	
ANDREU JOSEPH A	235C FLAVET 3	UC	2	
ANDREW DONALD PRICE	273 FR BX 2568	EG	4	
ANDREWES LULA M	COMMUTES LAKE CITY	ED	4	
ANDREWS A T	226D FLAVET 3	AG	4	
ANDREWS CLEO THOMAS	COMMUTES LAKE BUTLER	ED	4	
ANDREWS DONALD GEORGE	743 TO	UC	1	
ANDREWS ELLIS DOUGLAS	255E FLAVET 3	EG	4	
ANDREWS HORACE ALLAN	1005 WE	UC	1	
ANDREWS JOHN ROBERT	195 SD GEN DEL U STA	UC	2	
ANDREWS JOHN WM	PGD HSE	AS	6	
ANDREWS LUCIAN ERVIN	1314 NW 6TH AVE	UC	1	6174
ANDREWS PEARL LOUISE	ARCHER FLA	UC	2	2581
ANDREWS RICHARD W	SN HSE	BA	4	1310
ANDRON GRETA ROSALIE	1232 NW 4TH AVE	AS	4	
ANDRUS ALVIN FRANCIS		UC	2	
ANGELL ILMA LOUISE	78 MA	UC	1	
ANGLE BERT LUSK	894 SO	UC	1	
ANGLE MARGUERITE S	1018 SW 7TH AVE	UC	2	
ANGLE OMER JOHN	411 NE 15TH ST	AG	3	4819
ANGULO HENRY CUELLAR	627 SW 12TH ST	GR	5	
ANNIS WESLEY JACK JR	459 MU GEN DEL U STA	UC	2	
ANSBACHER LEWIS	1105 W UNIV BX 551	LW	3	8863
ANSLOW ROBERT E	1119 NW 4TH AVE	AR	4	
ANTHONY EARL RICHARD	WE RFC RM GEN DEL U	AS	3	
ANTLEY LEROY SIDNEY	1523 1ST AVE	FY	3	
ANTONINI FELIX E	805 NE 4TH TER	UC	1	5360
APGAR GERALDINE P	151 YU	UC	1	
APPLE ELMER JR	1613 NW 2ND ST	EG	4	
APPLEGATE GEORGE H	STENGEL FLD	EG	4	
APRILETTI CHARLES A	182 SD GEN DEL U STA	EG	4	
APTE DONALD	46A BU BX 2426	UC	2	
ARANGO ERGASTO RAMON	DC HSE	BA	4	7429
ARANGO LAWRENCE A	1017 SW 1ST AVE	UC	2	
ARBISI RONNIE	368 MU GEN DEL U STA	UC	2	
ARBOGAST MIDDLETON D	1630 NW 2ND AVE	UC	1	
ARBUTHNOT JAMES G	158 FLAVET 2	AG	4	
ARD THOMAS BARON	20F FLAVET 1	EG	4	
ARENAS OLGA NANCY	119 15TH TER	UC	2	9055
ARFARAS GEORGE JOHN	1614 NW 3RD PL	UC	2	4970
ARGUS MARY FRANCES	913 SW 6TH AVE	GR	5	4394
ARIAIL NELLE OXFORD	813 2ND AVE SE	AS	3	
ARIAIL WILLIAM THOS	813 2ND AVE	GR	5	
ARIAS GERARDO E	15 DORM R GEN DEL	UC	1	
ARMENTROUT BANKSTON S	11 DORM O GEN DEL U	UC	2	
ARMSTRONG ARTHUR A JR	2 DORM I	GR	5	
ARMSTRONG DIXON F	BX 2016	PH	4	
ARMSTRONG HENRY E		GR	5	
ARMSTRONG JAMES A	247U FLAVET 3	UC	2	
ARMSTRONG MARY PAULA	1105 NW 1ST PL	UC	2	
ARMSTRONG ROBERT A	339 MU BX 3084	EG	3	
ARNALL FRANK H	150 SD PIKA HSE	UC	2	
ARNOLD BILLY J	334 MU BX 2106	UC	2	
ARNOLD DONALD ROBERT	625 NE 6TH ST	UC	2	
ARNOLD EUGENE S		UC	1	
ARNOLD EVELYN LOUISE	COMMUTES FERNANDINA	ED	6	
ARNOLD FREDERICK B	1131 NW 25TH AVE	BA	3	
ARNOLD JEANNE ELIZ	1436 NW 6TH PL	UC	2	5175
ARNOLD LILLIAN ROSE	2145 NW 5TH AVE	UC	2	3159
ARNOLD NANCY LEE	78 GR	UC	2	
ARNOLD ROBERT REMSEN	B16 NO	UC	1	
ARNOLD SARA BETTY	196 RI	UC	2	
ARNOLD SCOTT BOWEN	375 MU SC HS	AR	4	
ARNOW MILDRED BRINSON	1075 N OSCEOLA	GR	5	5497
ARONSON CAROLYN E	1616 NW 3RD AVE	GR	5	

ARONSON DAVID B	PILP HSE	AG	3	9843
ARRINGTON JETER LEE	361 MU ATO HSE	UC	2	
ARRINGTON LEWIS R	1611 NW 6TH AVE	GR	5	6173
ARRINGTON RAY OSCO	411 SW 2ND ST	AG	4	
ARTHUR ALLEN EDGAR	NO 802	UC	1	
ARTHUR MILES PHILIP	COTTAGE GROVE PK	UC	2	5970
ARTMAN ROBERT H	18 DORM M GEN DEL U	UC	1	
ASBURY CHARLES PERRY	GA SEAGLE	UC	2	
ASH JOSEPH W	103 TH GEN DEL U STA	UC	2	
ASHER DON L JR	421 MU GEN DEL U STA	UC	2	
ASHMORE DELILAH C	27 GR	UC	2	
ASHTON RICHARD LEE	618 TO	UC	1	
ASINC JORGE G	24B BU BX 2901	UC	2	
ASKLOF GEORGE CHAS	919 S W 13TH ST	AR	3	7196
ASKOWITZ LEONARD A	TEP HSE BX 551	UC	2	8863
ATCHLEY THEODOSIA M	1627 NW 12TH ST	UC	2	7018
ATEEK GEORGE N	382 MU GEN DEL U STA	BA	3	
ATENCIO ROBERT	1 DORM T BX 2599	UC	2	
ATHERTON FREDERICK W	820 N HALL	UC	1	
ATKINS ADRIENNE	51 MA	UC	1	
ATKINS EDWIN FRANCIS	287 FR GEN DEL U STA	BA	3	
ATKINS EVELYN JUNE	304 NW 15TH ST	ED	3	9510
ATKINS JAMES HOMER	25 FR BX 2391	EG	4	
ATKINS KENNETH EMIL	455 MU SAE HSE	UC	2	
ATKINSON BEULAH	COMMUTES WEIRSDALE	GR	5	
ATKINSON CATHERINE F	COMMUTES JAX	GR	5	
ATKINSON JACK WALTON	GEN DEL	UC	2	
ATKINSON LUCIA M	19 MA	UC	1	
ATKINSON WILLIAM C	DORM R 9	UC	2	
ATON JAMES KEYES	COLLEGE POST OFFICE	UC	2	
ATWATER HAROLD JEEMS	BX 2556	UC	2	
ATZ JOHN	216 S 1ST ST	BA	4	8113
ATZEL ROBERTA J	124 GR	UC	2	
AUL BETTY JEAN	228C FLAVET 3	GR	5	
AUL CLYDE T	228C FLAVET 3	UC	2	
AULL ELIZABETH ANNE	103 GR GEN DEL U STA	AS	3	
AUSTIN CHARLES F	108 NW 3RD AVE	GR	5	5767
AUSTIN GARRATT ALFRED	217B FLAVET 3	BA	4	
AUSTIN GORDON WM	1222 SE 1ST ST KS HS	UC	2	
AUSTIN JAMES KENNETH	108 NW 3RD AVE	UC	2	5767
AUSTIN KEITH CAMPBELL	SC HSE	LW	1	
AUSTIN MARIAN POTTER	COMMUTES PALATKA	GR	5	
AUSTIN MARY ELLA	COMMUTES WILDWOOD	GR	5	
AUSTIN RICHARD BAIN	215 D FLAVET 3	LW	3	
AUVIL GENE HENRY	1630 NW 2ND AVE	LW	3	
AUVIL WILLIAM TAYLOR	1107 SW 1ST AVE	UC	2	
AVERA CHAMBLESS LEE	TH GEN DEL U STA	UC	2	
AVERA WM NATHANIEL JR	1237 SW 2ND AVE	LW	2	
AVERY GUY CLIFFORD	1908 7TH LANE	LW	1	
AVILA ALBERTO	385 MU BX 2901	UC	2	
AUXIER CHARLES FALK	927 SO	UC	1	
AWTREY MARY ANNE M	1016 SW 1ST AVE	UC	2	
AWTREY ROBERT ADAIR	1016 SW 1ST AVE	GR	5	4596
AYALA GUSTAVO F	GEN DEL U STA 210 FR	UC	2	
AYAR METIN HUSEYIN	1019 SW 7TH ST	GR	5	
AYCOCK JOHN EVERETT	318 FR BX 2903	ED	4	
AYER LEWIS MANSELL		UC	1	
AYERS ROY ELLSWORTH	13 DORM K	UC	1	
AYERS WILSON HOLMES	242T FLAVET 3	UC	2	
AZEREDO PHILIP GEORGE	RR 3 BX 96B	UC	2	

B

BAARS ANITA SUSAN	123 GR	UC	2	
BABB EVELYN M	17 MICHAEL	GR	5	
BABBITT WILLIAM M	176 SD GEN DEL U STA	UC	2	
BABCOCK OSCAR HOLMES	ATO HSE	UC	2	
BACAS ATHENA GEORGIA	1106 SW 4TH AVE	UC	2	8733
BACHELDER DWIGHT	755 NO	UC	1	
BACHMANN JOSEPH B JR	372 MU GEN DEL U STA	UC	2	
BACON MELVIN	74 TH GEN DEL U STA	UC	2	
BACON RICHARD WATSON	1016 NE 12TH AVE	PH	4	5887

BADCOCK WOGAN S JR	679 TO	UC	1		
BADEN HOWARD RAY	GVILLE CT	AG	4		
BADGER JAMES BERNARD	STENGEL FIELD	EG	4		
BADOLATO BERNARD WM	339 MU GEN DEL U STA	UC	2		
BAESZLER ELISE C	COMMUTES MELROSE	UC	2		
BAGGETT JOSEPH B	GA SFAGLE	AG	3		
BAGGETT MARCUS RALPH	115 NW 10TH ST	EG	4	9222	
BAGLEY GEORGE W	724 SW 10TH AVE	AR	4		
BAGLEY LESTER LEONARD	DORM C GEN DEL U STA	UC	2	8181	
BAGULEY HENRY LEE	STINGLE FLD	UC	2		
BAGWELL ELLIS CLAUDE	29B FR GEN DEL U STA	UC	2		
BAGWELL TOM DEWITT	296 FR GEN DEL STA	UC	2		
BAILEY BARBARA ANN	236 RI	UC	2		
BAILEY BERNARDINE	B SW 10TH ST	AS	4	9239	
BAILEY BERT CHRISTIE	242B FLAVET 3	UC	2		
BAILEY BILL JACK	744 TO	UC	1		
BAILEY CLYDE WINSTON	PGD HSE	UC	2	8303	
BAILEY FELICITA R	417 NW 17TH ST	ED	3	3669	
BAILEY HOWARD CLIFTON	GEN DEL U STA	AR	4		
BAILEY JAMES AARON	13 DORM R	UC	1		
BAILEY JAMES ELLIS	SAE HSE	BA	3		
BAILEY JAMES M	TO	UC	1		
BAILEY JAMES WM	1080 SW 11TH TERR	AS	3		
BAILEY JOHN MARTIN	209B FLAVET 3	UC	2		
BAILEY PATRICIA	259 RI	UC	2		
BAILEY ROBERT S	KS HSE	UC	2		
BAILEY TERRELL WAYNE	943 WE	UC	1		
BAILEY THOMAS WM	1420 W UNIV	UC	2		
BAIN HOMER ANDREW	GEO SEAGLE HALL	UC	2		
BAINE LOUIS THEODORE		BA	3		
BAINE WILLIAM HILL	190 SD	BA	3		
BAIRSTOW PAUL EDWARD	21 DORM M	UC	1		
BAIRSTOW RAYMOND J JR	7 DORM M GEN DEL U TU	UC	1		
BAISDEN DONALD E	12 DORM N GEN DEL U	UC	2		
BAISDEN JOHN HOWELL	824 SE 4TH AVE	UC	2		
BAISE WALKER NATHAN	67A TH GEN DEL U STA	UC	2		
BAKER BERNARD SMITH	1802 W UNIV	UC	2		
BAKER HALBERT E	321 13TH ST SW	UC	2		
BAKER JAMES EDWIN	311 NW 7TH TERR	UC	1		
BAKER JOHN ALDEN	PDT HSE	UC	2	3791	
BAKER LOUISE DOYLE	201K FLAVET 3	AR	3		
BAKER MARTHA JOANNE	YU	UC	1		
BAKER MARY ELLEN	93 YU	UC	1		
BAKER RICHARD F	505 MU	UC	2		
BAKER ROBERT W	CP HSE	UC	2		
BAKER ROBERT WARREN	CP HSE	LW	1		
BAKER WALTER MARION	482 MU KS HSE	UC	1		
BAKER WM FRANCIS	201R FLAVET 3	GR	5		
BAKER WILLIAM L	214 NW 14TH ST	UC	2		
BALAS LEONARD CHAS	5B FLAVET 1	PE	3		
BALDWIN BEVERLY JEAN	1217 SW 4TH AVE	UC	2		
BALDWIN CHARLES A	1319 NW 2ND AVE	UC	2	8556	
BALDWIN EDITH M	COMMUTES JAX	ED	3		
BALDWIN LUNIE OSCAR	COMMUTES BUNNELL	GR	5		
BALDWIN WALTER A	ATO HSE	UC	2	4463	
BALDWIN WILLIAM ROY	857 SO	UC	1		
BALES LESTER	40 L FLAVET 1	LW	1		
BALIS DONALD S	PKT HSE	BA	3		
BALL EMIL GRANT	17F FLAVET 1	AR	3		
BALL ERNEST A	COMMUTES WILDWOOD	GR	5		
BALL OLIVER C	SC HSE	BA	3		
BALLARD JETTA EVE	1105 NW 1ST PL	GR	5		
BALLARD WADE H JR	19B BU GEN DEL U STA	UC	2		
BALLENTINE CLAITE D	1105 NE 9TH AVE	UC	2	7715	
BALLOUGH HARDING W	143 SD GEN DEL U STA	UC	2		
BALLOWE SARAH HINES	1006 NE 10TH PL	UC	2	3194	
BALSKE RONALD EUGENE	738 TO	UC	1		
BANACK SIDNEY M	735 TO	UC	1		
BANASZAK MERLE EUGENE	504 MU BX 2881	BA	3		
BANDJOUGH EDWARD A	243S FLAVET 3	GR	5		
BANDRIMER ROBERT ISEY	GEN DEL	UC	2		
BANDY OLIE SHERMAN	609 SW 12TH ST	GR	5		
BANTA BEARLIE RICHARD	16 DORM C	UC	2	8191	
BARBER CLEO JACQUELYN	105 GR GEN DEL U STA	UC	2		
BARBER ELMER PEARCE	200D FLAVET 3	BA	4		

BARBER MARION D	1228 W UNIV	GR	5	4537
BARBER ROBERT RALPH	392 MU	UC	2	
BARBREE IVERSON M	PIKA HSE	UC	2	
BARCHAN STANLEY S JR	221 SW 13TH ST PGD HGR	5	8303	
BARFIELD CHARLES H	520 NE 6TH ST	UC	1	7992
BARFIELD EDWIN LEON	63 TH BX 2300	UC	2	
BARFIELD WALTER DAVID	520 NE 6TH ST	GR	5	
BARGER BETTY JEAN	GR 141	UC	2	9415
BARGERON JAMES S	43B BU GEN DEL U STA	UC	1	
BARKER BETTY V	1725 NW 3RD	ED	4	
BARKER DAVID CAMPBELL	14A BU BX 2123	UC	2	
BARKER JAMES EDDIE	DC HSE	AR	4	
BARKER JAMES M	127 SD GEN DEL U STA	AR	4	
BARKER RICHARD DOZIER	618B TO	UC	1	
BARKER SIDNEY LEONARD	224T FLAVET 3	GR	5	
BARKER WM FRANKLIN	60 TH GEN DEL U STA	BA	4	
BARKET SAM ESSIE	788 NO	UC	1	
BARKLEY LAURA ELOISE	27 MA	UC	1	
BARKLEY WM LEONARD	828 NO GEN DEL U STA	UC	1	
BARKSDALE HENRY R	PKT HSE	AS	4	8623
BARLEY CHAS MCKIM	KS HSE	UC	2	
BARLOW CHARLES RALPH	118 SD BX 2132	UC	2	
BARND DOROTHY ALICE	50 GROVE	UC	2	
BARNES ALMIN BARTLETT	62R FLAVET 1	ED	4	
BARNES CASPER WM JR	228R FLAVET 3	GR	5	
BARNES DAN TERRY	224A FLAVET 3	UC	2	
BARNES DAVID EDWARD	932 W UNIV	GR	5	
BARNES DONALD DANIEL	120 SD BX 2552	UC	2	
BARNES FREEMAN A	7C FLAVET 1 BX 2683	AS	3	
BARNES GLEN F	COMMUTES NEWBERRY	GR	5	
BARNES JAMES RICHARD	REISENS TR PARK	AR	4	
BARNES PATRICIA ANN	505 NE 9TH ST	UC	2	
BARNES RAYMOND C	1327 NW 7TH AVE	GR	5	3130
BARNES ROBERT STEPHEN	83B TH BX 2683	UC	2	
BARNES WILSON M JR	505 NE 9TH AVE	UC	2	
BARNETT DONALD CLAUD	15 DORM A GEN DEL U	UC	2	
BARNETT JOHN CONNALLY	331 MU GEN DEL U STA	EG	3	
BARNEY JOHN MARSHALL	815 NE 10TH AVE	GR	5	
BARNHILL ARTHUR V JR	222 FR BX 2257	EG	4	
BARNHILL EUBANKS	243D FLAVET 3	AG	4	
BARNUM ROBERT EDWIN	66TH GEN DEL U STA	UC	2	
BARR EMILY VAN	144 GR	UC	2	
BARR JACK WILLIAM	DORM C GEN DEL U STA	AS	3	9181
BARRANGER EDWIN F	93X FLAVET 1	UC	2	
BARRETO ALBERT JR	TH 88A	AS	4	
BARRETT JAMES LESTER	LINGFR LONGER TR PK	GR	5	6817
BARRINGER CASTLE A JR	PKT HSE	UC	2	
BARRINGTON LOIS J	161 YU	UC	1	
BARRINGTON MARGARET A	182 YU	UC	1	
BARROW EMORY JOSEPH	927 SO	UC	1	
BARROW JESSE EMANUEL	288 FR BX 2167	AS	3	
BARROW JOSEPH E	788 TH GEN DEL U STA	AG	3	
BARROW WILLIAM DEAN	741 SW 2ND AVE	AS	3	
BARROWS HAROLD L	1716 NE 8TH ST	GR	5	
BARRS ALBERT E		UC	2	
BARRS JACK LEONARD	155 SD PO BX 2761	UC	2	
BARRS JOSEPH VERNON	860 SO	UC	1	
BARRY EDMOND M	1116 SW 2ND AVE	UC	2	5425
BARRY THOMAS AUSTIN	426 MU GEN DEL	UC	2	
BARRY WALTER JOHN	CRANF HALL	UC	1	
BARRY WM NICHOLAS JR	207 SD GEN DEL UNIV	PH	4	
BARTH ALF OTTO	9 DORM I GEN DEL U	SUC	2	
BARTHOLF DAVID ADOLPH	86 TH BTPI HSE	UC	2	
BARTHOLF THOMAS L	704 MU GEN DEL U STA	UC	2	
BARTLESON FRED D JR	363 MU DTD HSE	UC	2	
BARTLESON THOMAS P JR	206A FLAVET 3	UC	2	
BARTLETT ALFRED	135 SD BX 2685	UC	2	
BARTNETT ROBT ELLIOTT	1225 SW 2ND AVE	AG	3	
BARTON BUREN AUBURY	78B TH GEN DEL U STA	GR	5	
BARTON GEORGE M	420 MU BX 2541	UC	2	
BARTON MARTHA B	206 NW 17TH ST	GR	5	
BARTON QUINN RALPH JR	1103 SW 6TH AVE	LW	1	
BARWICK JAMES MICKEAL	422 SW 3RD ST	PH	4	
BARWICK THOMAS EDWIN	538 N E 4TH AVE	UC	2	3964
BASEMAN LEE TAYLOR	BTPI HSE	UC	2	4131

BASHAW RICHARD GERALD	414 NW 16TH AVE	UC	2	4429
BASS ALMA HADDOX	COMMUTES LIVE OAK	UC	2	
BASS HARRY	TEP HSE	UC	2	
BASS JOHN BENTON	14 DORM A GEN DEL U	UC	2	
BASS WALTER PHILIP	1834 NW 1ST AVE	UC	2	
BASSETT ALBERT M	82 TH PDT HSE	PE	4	
BASSETT BARBARA	171 YU	UC	1	
BASSETT RAY LEE	PDT HSE	BA	4	
BASSINE ROBERT M	TEP HSE BX 554	UC	2	8863
BATE EDITH ANN	15 MICHAEL	AS	3	
BATEH EDDIE JABER	3A FLAVET 1	GR	5	
BATEH MUSSA C	3A FLAVET 1	PH	4	
BATEMAN ARTHUR A JR	316 NW 17TH ST	UC	2	
BATEMAN WALLACE R	311 NW 7TH TER	FY	4	3052
BATES BONNIE HILL	COMMUTES JENNINGS	ED	4	
BATES FRANCIS LOUIE	57P FLAVET 1	UC	2	
BATES GERALDINE W	DUD HSE	ED	3	
BATES PHYLLIS LEE	57P FLAVET 2	UC	1	
BATTAGLIA ANTHONY S	521 SE 7TH ST	LW	1	
BATTLE JEAN ALLEN	COMMUTES LAKELAND	ED	6	
BATTAGLIA DORIS E	521 S 7TH ST	PE	3	
BATTLE BENJAMIN GANT	SAE HSE	BA	3	4513
BATTLE JOHN LAWRENCE	1623 1ST AVE NW	UC	2	
BATTLE MAX G	4A DORM C GEN DEL U	EG	3	
BATTS GEORGIA M	COMMUTES OCALA	UC	2	
BAU DANIEL TSUH ENG	RT 5 BX 22	GR	5	
BAUER ROBERT OTTO	69S FLAVET 1	ED	3	
BAUGHAN NELL C	128 GR	UC	2	
BAUGHMAN CHARLES W	PDT HSE	EG	3	
BAUGHMAN GEORGE F	2105 NW 7TH PL	GR	5	
BAULER JACK H	256U FLAVET 3	ED	3	
BAUM MALISSA D	1229 W 8TH GEN DEL	UUC	2	
BAUM RALPH G	1229 8TH ST NW	GR	5	.
BAUMEL JULIAN JOSEPH	160 FLAVET 2	GR	5	9271
BAUMEL LENORA G	147 FLAVET 2	UC	2	9245
BAUMGARDNER FREEMAN	R2 DORM K	UC	1	
BAUMGARDNER HOMER M	5 DORM L GEN DEL U	SUC	1	
BAUMWALD STANLEY	TEP HSE	UC	2	8863
BAXLEY PURVIS JR	BX 2815	UC	2	
BAXLEY RONALD GAYLE	860 SO	UC	1	
BAXLEY RUTH ANN	185 YU	UC	1	
BAXLEY WILLIAM H	1734 NW 1ST AVE	GR	5	
BAXLEY WILLIAM R	221U FLAVET 3	FY	3	
BAXTER JAMES BRUCE	PDT HSE	UC	2	
BAXTER ROSS MCPHERSON	715 SE 5TH AVE	GR	5	
BAXTER RUTH H	214 N E 5TH AVE	U3	2	5330
BAYLESS GEORGE D JAS	PIKA HSE	UC	2	9037
BAYLESS JOHN ALFRED	SC HSE	AS	3	5553
BAYLY PATRICIA	214 NW 14TH ST	AS	3	6558
BAYNARD LESTER B	ATO HSE	EG	4	
BAZEMORE ROBERT H	17A DORM I SN HSE	BA	4	
BEAIRD ROBERT WM	110 NW 9TH TERR	UC	2	
BEAL JO ANN	107 NE 7TH ST	UC	2	9802
BEAL JOE FRANK	RT 3	UC	2	
BEAL JOHN FREEMAN	232U FLAVET 3	GR	5	
BEALL KATHARINE	249 RI	UC	2	
BEAN DAVID LOUIS JR	91 W MASONIC ST	PH	3	
BEAN HARRY POWELL	602 NW 13TH TER	PE	4	
BEARD CALVIN L	BX 3034	GR	5	
BEARDALL JON BONSER	728 TO	UC	1	
BEASLEY CLEO FAULK	255D FLAVET 3	GR	5	
BEASLEY HULON EDWARD	169 SD BX 2784	UC	2	
BEATTY DON OLIVER	309 SE 7TH ST	UC	1	
BEATTY HARRY WALTER	4B FLAVET 1	UC	2	
BEATTY JAMES GUY	KA HSE	UC	2	
BEATY CAROLYNE LOIS	108 NW 21ST TER	UC	1	7032
BEATY MARJORIE R	128 NW 21ST TERR	AS	4	7062
BEATY ROBT COLDAR JR	108 NW 21ST TERR	UC	2	
BEAUCHAMP JO ANN	233 RI	UC	2	
BEAVER ROSCOE S JR	2 DORM R GEN DEL U	SUC	2	
BECK JOHN LUCIAN	305 FR GEN DEL U	STAUC	2	
BECK MARTIN ROBERT	105 FLAVET 2	AR	3	
BECK NANCY LEE	105 FLAVET 2	GR	5	
BECK RAYMOND W	1320 NW 2ND AVE	GR	5	
BECKER BERTRAND R	20 SD BX 3074	EG	4	

BECKER DAVID WM	311 FR O	FY	4	
BECKER ELWOOD JOHN	1209 W UNIV	UC	2	3745
BECKER GEORGE F	HIBISCUS PK	UC	2	5657
BECKER GERALD EUGENE	517 MU BX 3074	AG	3	
BECKER KURT WILLIAM	IDEAL TR CT	PH	3	
BECKHAM ELLEN BROWN	COMMUTES JAX	ED	4	
BECKHAM LAURA MELTON	COMMUTES JAX	GR	5	
BEDATSKY HERBERT B	PILP HSE	UC	2	
BEDENBAUGH BLOOMER W	COMMUTES HIGH SPRINGAS		3	
BEDFORD CHAS EDWARD	276 FR GEN DEL U STAEG		4	
BEECHER DAVID KITLAN	1744 NW 5TH AVE	UC	2	3728
BEER KAY EUTSLER	409 NE 1ST AVE	UC	2	6645
BEER WILLIAM HALL	409 NE 1ST AVE	LW	1	6645
BEGIN DOLORES ANN	90 MA	UC	2	
BEHREN RICHARD IRWIN	TEP HSE	UC	2	8863
BEHSE JAMES NELSON	132 SD GEN DEL U STAUC		2	
BEKEMEYER BERTRAM D	364 MU GEN DEL U STAPH		3	
BELFLOWER JOSEPH N	652 TO	UC	1	
BELINSKY MARTIN	MU 337A BX 2221	PH	4	
BELITSKY ELIOT	11 DORM I	GR	5	
BELITZ NICHOLAS JR	691 TO	UC	1	
BELL BARBARA ALICE	SK HSE	UC	2	
BELL CARL EVERETT	SPE HSE	UC	2	
BELL CHARLES CLARK	59 TH GEN DEL U STA	UC	2	
BELL CHARLES GOMON	GEN DEL U STA	UC	1	
BELL EDWARD WARREN	GEN DEL U STA 175 SDUC		2	
BELL GEORGE MINOR	CLO HSE	AG	3	
BELL HELEN EARLE	128 GROVE HALL	UC	2	
BELL JACQUELYN RUTH	1104 NW AVE	UC	2	5658
BELL JAMES RICHARD	1815 LEON ST	JM	4	
BELL KATHERINE V	COMMUTES WHITE SPRGSGR		5	
BELL NOAH CLAYTON JR	120 NW 10TH ST	AS	4	
BELL WILLIAM AUGUST	COMMUTES PALATKA	GR	5	
BELLAH JAMES CARLISLE	943WF	UC	1	
BELLAR ROBERT CHARLES	378 MU SC HSE	UC	2	
BELLEFEUILLE ROBERT E	108F TH	UC	2	
BELLINGER ROBT MILLER	371 MU GEN DEL U STAEG		3	
BELLIS DON STEWART	808 NO	UC	1	
BELOTSKY SELWIN	2 DORM N BX 2665	ED	3	
BENARD ELSIE JEANNE	ACO HSE	UC	2	8733
BENBOW CHARLES C	180 SD GEN DEL U STAAR		4	
BENCK JOHN WILLIAM	LAKE WAUBURG BX 607	ED	3	
BENCK ROSELYN RUTH	LAKE WAUBURG PO BX 6UC		2	
BENDINGER RICHARD L	UNIV MANOR	PH	3	
BENJAMIN BEN MONTE	235R FLAVET 3	GR	5	
BENJAMIN ROBERT E	RT 2	UC	2	
BENN DONALD GORDON	211S FLAVET 3	EG	4	
BENNETT DARWIN EDWARD	227 WASHINGTON ST	UC	2	
BENNETT DONNA RAE	197 RI	UC	2	
BENNETT FLETCHER G	GEN DEL U STA	UC	1	
BENNETT GEORGE EDW	228 ANNIS	UC	2	4093
BENNETT HARRY WIGGINS	TKE HSE	UC	2	
BENNETT JOHN DOUGLAS	1105 NE 4TH ST	UC	2	6936
BENNETT JOSEPH DANIEL	832 NO GEN DEL U STAUC		1	
BENNETT MARILYN M	1122 SW 6TH AVE	ED	3	
BENNETT ROBT FRANKLIN	1122 SW 6TH AVE	UC	2	
BENNETT ROBERT WHITE	287 FR BX 172	AS	3	
BENNETT THOMAS J	88B TH GEN DEL U STAUC		2	
BENNETT WILLIAM Y	84A TH BX 3038	ED	4	
BENNION JOHN NICHOLAS	120 NW 10TH ST	UC	2	
BENNISON ELIZ ANN	151 GR	ED	3	
BENSON DOROTHY ANN	119 LAFAYETTE	GR	5	
BENSON ESTELLE A	91 YU	UC	1	
BENSON THOMAS FRANK	516 NE 2ND ST	GR	5	
BENTLEY EDWARD R	975 WE	UC	1	
BENTON GRADY CARL	314 S MAIN ST BX 193UC		2	7003
BENZ WILLIAM P	1517 NW 5TH AVE	GR	5	
BERG LEONARD	969 WE	UC	1	
BERGENGREN ROY F JR	2136 NW 9TH AVE	GR	5	4890
BERGLUND WM KENYON	16 DROM N GEN DEL U	EG	6	
BERGMAN ANN	189 RI	UC	1	
BERGMAN EDWARD JR	1238 SW 1ST AVE	BA	3	6914
BERGMANN RUTH ELIZ	111 GROVE HALL	UC	2	
BERGQUIST GILBERT T	804 NW 9TH AVE	GR	5	
BERGWALL BARBARA ANN	52 MA	UC	1	

BERK PHYLLIS	198 RI	UC	1	
BERKOWITZ DONALD	388 MU	UC	2	
BERLIN ROBERT LOUIS	824 NO	UC	1	
BERMAN ALAN BRUCE	TEP HSE	AR	3	8863
BERMAN BERNARD H	219A FLAVET 3	PH	4	
BERMAN RIVIAN W	216C FLAVET 3	UC	1	
BERMAN SIDNEY ARTHUR	216C FLAVET 3	GR	5	
BERNER GEORGE ROBERT	702 TO	UC	1	
BERNIE EDITH NAOMI	B MA	UC	1	
BERNSTEIN ARTHUR	AEPI HSE GEN DEL U	SUC	2	
BERNSTEIN SAM	1 DORM N PILP HSE	UC	2	
BERRIAN BARRY S	LAKE RD TR PK	UC	2	
BERRIAN MARION A	LAKE RD TR CT	UC	2	
BERRIEN BARBARA S	2051 NW 8TH PL	UC	2	5845
BERRIEN CLINTON S	2051 NW 8TH AVE	UC	2	
BERRY JACQUELYN	153 YU	UC	1	
BERRY LEWIS C JR	102B TH	UC	2	
BERRY MAURICE EDW	ATO HSE	EG	3	
BERRY RALPH GRANVILLE	16 DORM L BX 2444	UC	1	
BERRYMAN JOHN THOMAS	1007 WE	UC	1	
BERT HAROLD CARL	208 NW 14TH ST	UC	2	3613
BERTHE ERNEST	PILP HSE	BA	4	9843
BERTO DAVID FRANK	731 NO	UC	1	
BERTOSSA HARRY DAVID		EG	3	
BESKIND ROBERT LETAW	BX 2658 PILP HSE	AG	4	9843
BETHEA JOHN ROLAND	ATO HSE	UC	2	
BETHEL GARVAN CORBETT	DORM I GEN DEL U	STALW	1	
BETROS FARRIS MANSOUR	1728 NW 1ST AVE	UC	2	
BETTES ELIZABETH W	1702 W UNIV	AS	3	3012
BETTS CLYDE E JR	GVILLE CT	UC	2	
BETTS WAYNE FRED	205 NE 4TH AVE	UC	2	
BEVAN BETTYE JEAN	NEWBERRY RD AOPI HSE	UC	2	6563
BEVEL BETTY	1634 NW 1ST AVE	UC	2	
BEVEL ROGER CLARK	508 MU GEN DEL U STA	UC	2	
BEVER CHARLES C JR	SN HSE	UC	2	7353
BEVER JOSEPH ANDREW	653 TO	UC	1	
BEVERLY JOHN GRAHAM	3 BU KA HSE	LW	1	
BEVILLE BISHOP C	713 NW 10TH AVE	GR	5	3923
BEVIS CARL STUART	256S FLAVET 3	AG	3	
BEVIS EM OLIVIA	131 YU	UC	1	
BEVIS HERBERT A	109 NE 11TH ST	EG	4	8641
BEVIS JAMES ARNOLD	838 SO	UC	1	
BEVIS WILLIAM GARY JR	192 SD GEN DEL U STA	UC	2	
BEXLEY SOLON COUSINS	SN HSE	UC	2	
BEYERS VIOLET LOUISE	GEN DEL UNIV STA	PE	4	
BIBAS ELIAS B	351 MU GEN DEL U STA	UC	1	
BICKEL HERBERT JACOB	261 FR BX 2552	UC	2	
BICKERSTAFF DORIS J	50 MA	UC	2	
BICKOW EDWARD ALLAN	275 FR BX 2221	GR	5	
BIE CHARLES H	COMMUTES ARCHER	ED	3	
BIE EUGENE FREDRICK	813 NO GEN DEL U STA	UC	1	
BIE NORMAN	KA HSE	LW	3	8883
BIE OTTO NORMAN	KA HSE	UC	2	8883
BIEGELSEN JOSEPH Z	UNIV LODGE 18 NW 17T	UC	2	
BIEL WILLIAM ROBERT	791 NO	UC	1	
BIELBY BERNADINE L	242C FLAVET 3	AG	3	
BIELBY CHARLES W	242C FLAVET 3	GR	5	
BIELEJESKI JOHN	30A BU GEN DEL U STA	UC	2	
BIELLING PAUL EDWARD	503 MU GEN DEL U STA	UC	2	
BIERBAUM ESTHER GREEN	RT 2 BX 87A	GR	5	3495
BIERBAUM WM BAYLOR	RT 2 BOX 87A	GR	5	3495
BIEWEND HELEN LOUISE	819 NW 10TH AVE	AS	3	6744
BIGGART AUDREY G	COMMUTES BROOKSVILLE	GR	5	
BIGGART WADDELL A	COMMUTES BROOKSVILLE	GR	5	
BIGGERSTAFF LEWIS R	1 DORM S GEN DEL U	SAR	3	
BIGGS THOMAS S	9 DORM L BX 2803	UC	1	
BIGHAM TRUMAN C JR	1111 SW 4TH AVE	AR	4	
BILL FRED H	MU	UC	1	
BILLINGS JARED MALONE	500 MU SAE HSE	UC	2	
BILLINGS ZIBA WESLEY	110 NORTHWEST 15TH	SUC	2	
BILLINGSLEY JULIAN L	BX 2142	UC	2	
BILLINGSLEY RAYMOND L	DTD HSE	UC	2	
BILLINGSLEY ROBT H JR	DTD HSE	EG	3	
BILLINGTON BROOKS D	RT 4 BX 41	UC	2	7084
BIRCH ELIZABETH C	COMMUTES JAXVILLE	ED	6	

BIRCH JOHN CALLOW	182 SD GEN DEL U STA	EG	4	
BIRCHFIELD BETTY M	GVILLE MOTOR CT	UC	2	
BIRCHFIELD WRAY	GVILLE CT BX 3012	GR	5	
BIRD ROBERT CARL	SPE HSE	UC	2	5903
BIRGER NINA E	271 RI	UC	2	
BIRT WILLIAM FRANCIS	214 FR GEN DEL U STA	EG	4	
BISHOP DESMOND M	COMMUTES	GR	5	
BISHOP GRINELLE E	186 SD 2762 U STA	AG	4	
BISHOP JOHN WINSLOW	ARCHFR RD BOX 2812	GR	5	5510
BISHOP M L	COMMUTES NEWBERRY	GR	5	
BISHOP MYRLA MAE		AS	6	
BISHOP ROBERT PAYSON	Bx 3025	GR	5	
BISSELL JACK RAYMOND	306 SE 2ND ST	LW	3	3036
BISSELL SUZANNE	306 SE 2ND ST	ED	4	3036
BISSETT JOSEPH W	NEWMAN LAKE RD	UC	2	
BITTICK EMMETT KELLY	DTD HSE	ED	4	1672
BIVANS RICHARD WM	352 MU GEN DEL U STA	UC	2	
BIXLER FRANCES ELIZ	KD HSE	UC	2	8963
BLACK BEVERLY JUNE	44 GR	UC	2	
BLACK CLANTON C	RT 2 BX 132C	UC	2	
BLACK CORNELIA L	1014 NW 13TH AVE	UC	2	8044
BLACK EMOGENE P	RT 2 BX 132C	UC	2	
BLACK FRANCES M	132 GR	UC	2	
BLACK FRANK GRANT	950 WE	UC	1	
BLACK GLENN LOREN	GA SEAGLE HALL	EG	3	
BLACK JOHN ACOSTA	PDT HSE	UC	2	
BLACK JOHN MICHAEL	408 NW 16TH ST	AS	4	
BLACK RICHARD LAMAR	16 BU BX 2654	AS	3	
BLACK ROBERT BELL	221 SW 13TH ST	UC	2	8303
BLACK ROBERT LLOYD	1601 NW 6TH AVE	UC	1	7214
BLACKBURN FRANCES M	103 SW 7TH ST	GR	5	
BLACKBURN GLENN T	504 MU GEN DEL U STA	UC	2	
BLACKSTEIN BARBARA L	65 MA	UC	1	
BLACKWELDER EMORY F	782 NO	UC	1	
BLAICH WILLARD G	306C NW 16TH ST	UC	2	
BLAIN LESTER MERRIN	COMMUTES PLANT CITY	GR	5	
BLAINE MARY E	134 NW 15TH TERR	UC	2	
BLAIR ELEANOR ANN	89 MA	UC	1	
BLAIR NANCY LOUISE	DDD HSE	UC	2	8603
BLAIS BERNARD ROY	238C FLAVET 3	AR	4	
BLAIS JOE RAOUL	SN HSE	AR	4	
BLAKE JAMES DONALD	FR GEN DEL U STA	AS	3	
BLAKE ROBERT GEORGE	HIBISCUS PARK	GR	5	4864
BLAKE WILLIAM C JR	117 SW 12TH ST	LW	3	
BLAKEY BILLY RAY	419 MU BX 2488	AG	3	
BLALOCK CHARLES M	224B FLAVET 3	LW	3	
BLANCH WILLIAM HOWARD	909 SO	UC	1	
BLAND EARL JASPER	1103 S W 6TH AVE	UC	2	
BLAND GENEVIEVE C	PO BX 182 YU	UC	1	9113
BLAND JOSEPH GANNON	737 TOLBERT BX 2113	UC	2	
BLANK HERBERT MELVIN	B18 NO	UC	1	
BLANTON JANICE M	1721 NW 10TH AVE	AS	6	9877
BLANTON JOHN CECIL	GEN DEL U STA	PH	3	
BLANTON MCALLISTER	116 NE 2ND AVE	AR	4	
BLANTON PHILIP TAYLOR	119 NE 2ND AVE	UC	2	
BLANTON RUSSELL PERRY	GEO SEAGLE HALL	UC	1	
BLAUER JOHN MAURICE	111 NW 7TH TERR	BA	4	
BLEAKLEY DAVID A	GEN DEL U STA	UC	2	
BLECKNER EDWARD JR	992 WE	UC	1	
BLEEMER ROBERT	1105 W UNIV BX 551	UC	2	
BLEN ALBERTO B	398 MU GEN DEL	UC	2	
BLEVINS HENRY R	775 NOL	UC	1	
BLISS BARR	406 MU GEN DEL U STA	UC	2	
BLISS FRANCES D	COMMUTES OCALA	UC	2	
BLISS WM DESMOND JR	219A FLAVET 3	GR	5	
BLISS WILLIAM HENRY	451 MU KS HSE	UC	2	
BLITCH MICHAEL G	10 DORM N GEN DEL U	EG	3	
BLIVEN SAMUEL R	450 ROUX ST	UC	2	
BLOCK BEVERLY RUTH	96 YU	UC	1	
BLOCK GERALD ALLEN	ZBT HSE BX 2656	AR	3	7693
BLOCK MAX	954 WE	UC	1	
BLOCK WILBUR FRANK	1100 NW 16TH ST	AS	4	5744
BLOCKER DAN HART	959 WE	UC	1	
BLOCKER RICHARD D	728 E UNIV	UC	1	[illegible]598
BLODGETT WYLMA GENE	1536 NW 2ND AVE	AG	3	[illegible]749

BLOEBAUM DONALD L	929 SO BX 2803	UC	1		
BLOODWORTH JAMES F	1106 NW 4TH AVE	UC	2	6236	
BLOODWORTH JAMES O	635 TO	UC	1		
BLOODWORTH RICHARD G	CLO HSE GEN DEL U S	UC	1		
BLOODWORTH THOMAS H	908 SW 9TH ST	UC	1		
BLOOM LESLIE DEAN	625 F UNIV	UC	2	3085	
BLOOM NORTON BRUCE	1103 N 3RD ST	UC	2		
BLOOMFIELD WILLIE K T	2022 NW 7TH LANE	GR	5	7875	
BLOUNT CAROLYN LUCILE	227 RI	UC	2		
BLOUNT EDWARD BUCK	891 W MASONIC	UC	2		
BLOUNT JOHN HENRY	741 SW 2ND AVE	LW	1		
BLOUNT ROBERT GLENN	RT 2 BX 180D	GR	5		
BLOUNT ROBERT OTHO	1002 W UNIV	UC	1		
BLOUNT WM MONROSE	SAE HSE	LW	2		
BLOWERS DAVID LEE	9 DORM L GEN DEL U S	UC	1		
BLOWERS JAY HAROLD	72T FLAVET 1	AS	4		
BLUDWORTH EDDIE G	1113 SW 4TH AVE	UC	2		
BLUE JAMES LAYTON	438 MU BX 2636	UC	2		
BLYTHE WILLIAM HENRY	291 FR SC HSE	BA	3		
BOAL JOSEPH FOTSCH	GEN DEL U STA	UC	1		
BOARD WILLIAM SHERMAN	37K FLAVET 1	UC	2		
BOARDMAN FRANK S	20 DORM	EG	4		
BOATNER WM KENNETH	PGD HSE	UC	2		
BOATWRIGHT GEO T III	303 E UNIV AVE	AS	4		
BOBBITT WALTER P	1007 12TH AVE	UC	2		
BOCHIARDY HOWARD B	RT 1 IDEAL TR PK 8X2	AR	3		
BOCK ELMER W	COMMUTES JAX	UC	2		
BOCKLER NANCY RUTH	RT 3 BX 286	ED	4	9118	
BODIFORD HENRY LEWIS	414 MU BX 2654	BA	3		
BODNER STANLEY J	19 DORM N	UC	2		
BOEN MARION HAULBROOK	COMMUTES WILDWOOD	GR	5		
BOERWINKLE GERARD E	22 DORM N	UC	1		
BOGDANOFF GEORGE W	115 NW 10TH ST	UC	1	9222	
BOGGESS DONALD A JR	PIKA HSE	AG	3		
BOGGIO BERNARD CRIS	15 NW 15TH ST	ED	3	4814	
BOGGS JAMES HENRY	GEN DEL U STA	UC	2		
BOGGS KATHLEEN L	COMMUTES REDDICK	GR	5		
BOGUE RUSSELL S JR	KA HSE	UC	2	8888	
BOHANNON DELORES	1017 SW 4TH AVE	UC	2	4887	
BOHANNON NITA NELL	1624 NW 7TH PL	AS	3	7939	
BOHANNON SHIRLEY MAE	119 15TH TER	UC	2		
BOHREN JOSEPH FRED	804 NO	UC	1		
BOIZELLE PAUL	1634 W UNIV AVE	AS	6		
BOKAS GEORGE	SPE HSE	PH	4		
BOLAND CECIL GLEN	811 NO	UC	1		
BOLAND ROBERT THOMAS	1219 W UNIV	AG	3	8663	
BOLDT ALBERT WALTER	128 29 ADMIN BLDG	GR	5		
BOLES RALPH CARROLL	252B FLAVET 3	GR	5		
BOLICK WM STANTON	1604 NW 4TH AVE	GR	5		
BOLIN CALVIN E	395 MU BX 2513	GR	5		
BOLIN JUNIUS THEO	740 TO	UC	1		
BOLIN WILLIAM LEROY	1236 1ST AVE SW	GR	5	5386	
BOLL MARILYN AGNES	74 MA	UC	1		
BOLLING DONALD M	709 TO	UC	1		
BOLTON MARY JOYCE	225 SE 2ND ST	AS	3	3137	
BOND EDWIN RAY	465 MU	UC	1		
BONDI PHILIP CHARLES	COMMUTES TAMPA	GR	5		
BONGIOVANNI EMIL V	1604 NW 3RD PL	PH	3		
BONHAM MARK MYATT JR	KS HSE	GR	5		
BONISKE RAYMOND P	337 MU PILP HSE	BA	4		
BONNELL JAMES MONROE	1123 NW 3RD AVE	GR	5	6354	
BONO IRVIN DAVID	PILP HSE	UC	2	9843	
BONSEY FRANCIS GERARD	1504 W UNIV	AR	3		
BONSTEEL GERALDINE	PM HSE	AS	4	9510	
BONSTEEL LOUIS S	1125 SW 4TH AVE	UC	2		
BONWIT ROBERT M	219U FLAVET 3	LW	2		
BOOHER DAVID BRUCE	BTPI HSE	UC	2	4131	
BOOKER GEORGE W	1126 SW 2ND AVE	UC	2		
BOONE CARMON SELWYN	226R FLAVET 3	BA	4		
BOONE ELBERT JAMES	1114 NW 12TH AVE	GR	5		
BOONE ETHERIDGE G	433 SE 7TH ST	BA	4	8160	
BOONE HERVEY P JR	247 FR GEN DEL U STA	UC	2		
BOONE JERRY NEAL	406 NE 6TH ST	GR	5		
BOONE JOE ARDIS	2027 NW 7TH LANE	UC	2	4309	
BOONE LALIA PHIPPS	2027 NW 7TH LANE	GR	5	4309	

BOORDE OLIVER H	435 MU BX 2942	UC	2	
BOORTSALAS GEORGE R	DORM 1 BX 2871	GR	5	
BOOTH CHARLIE M JR	MU GEN DEL U STA	UC	1	
BOOTH EDWARD MORTON	SC HSE	BA	4	
BOOTH ROBERT ANDREW	TC HSE	UC	2	7814
BOOTHBY DAVID BERNARR	427 NW 10TH AVE	UC	2	
BORBIDGE ROBERT H	154 SD LCA HSE	UC	2	
BORDE RICHARD ALLAN	393 MU BX 2909	UC	2	
BORG ALAN CHARLES	316 FR	UC	2	
BORGES JOHN ANTHONY	CRANE HALL	UC	1	
BORIS JOSEPH C JR	KS HSE	AR	3	
BORLAND JAMES L JR	982 WE	UC	1	
BORLAND RAYMOND A	928 SO	UC	1	
BOROM NADINE M	COMMUTES BRNAFORD	UC	2	
BORYSEWICH WILLIAM JR	377 MU GEN DEL U STA	AS	3	
BOSANQUET LOUIS P	SN HSE	UC	2	
BOSSO WILLIAM JAMES	34J FLAVET 1	LW	2	
BOSTICK MARCIA JEAN	1125 2ND AVE	ED	4	
BOSTICK RHESA B	1503 NW 31ST AVE	UC	2	4798
BOSTWICK CHARLES W	SAE HSE	LW	2	
BOSTWICK WALTER I	WE BX 2019	UC	1	
BOSTWICK WILLIAM C	SAE HSE	LW	2	6925
BOSWORTH JAMES M	1002 W UNIV AVE	UC	2	
BOSWORTH PAUL BROOKS	PDT HSE	PE	3	
BOTKIN ROBERT STEPHEN	615 TO	UC	1	
BOTSFORD GLENN ARNOLD	GEN DEL U STA 312 FR	AR	3	
BOTTOM JOHN ALLEN	RT 3 BX 280C	AR	3	
BOTTORFF CHARLES C	483K MU GEN DEL U ST	UC	1	
BOUCHLAS ROBERT	SAE HSE	UC	2	
BOULON JOHN FRANK	5 DORM O	AG	6	
BOULWARE WM FOY JR	205U FLAVET 3	AG	4	
BOUND ARTHUR EDW JR	312 NW 13TH ST	UC	2	
BOURGEOIS GLENN EDW	1430 NW 6TH PL	UC	2	8889
BOURLAY FRANK HENRY	246B FLAVET 3	AG	4	
BOUTERSE DONALD RENE	5 DORM L GEN DEL U	UC	1	
BOUTERSE ROBERT ALAN	167 SD GEN DEL U STA	UC	2	
BOUTWELL MARVIN	413 MU GEN DEL U STA	UC	2	
BOWBEER ARTHUR CYRIL	1318 3RD AVE N W	AS	3	
BOWEN HERBERT GRADY	SN HSE	UC	2	
BOWER SUZANNE	8 MA BX 8	UC	1	
BOWERS WILLIAM M	61 UNIV MANOR	GR	5	
BOWES HARVEY R	618 NE 4TH AVE	GR	5	
BOWES JOHN LEO	117 NW 15TH ST	UC	2	
BOWLES CARL HOUSTON	507M MU GEN DEL U ST	UC	2	
BOWLES RICHARD JOSEPH	ATO HS	BA	3	
BOWMAN DAVID G	DTD HSE 338 MU	LW	1	
BOWMAN JULIA LOUISE	114 GR	UC	2	
BOWMAN LUTHER JAMES	COMMUTES JAX	GR	5	
BOWMAN MILTON SCOTT	UNIV LODGE 18 NW 17T	UC	2	
BOWSER CARLA	9 GRO	UC	2	
BOYCE EARL RUMSEY	COMMUTES WALDO	UC	2	
BOYCE MARVIN ROE JR	3DORM A GEN DEL UNIV	UC	2	
BOYCE ROBERT BRUCE	GEN DEL U STA	UC	1	
BOYCE WM NEAL	5 DORM C BX 3078	UC	2	
BOYD HERBERT W	111 SW 12TH ST	UC	2	8288
BOYD JAMES DAVID	306 FR BX 2081	UC	2	
BOYD ORVEL H		ED	6	
BOYELL ROGER LOUIS	9B BU BX 2097	UC	2	9123
BOYER F LYLE JR	148 FLAVET 2	UC	2	
BOYER RONALD JOEL	901 SO	UC	1	
BOYER TYRIE ALVIS	COMMUTES WILLISTON	AS	3	
BOYETTE ALLEN M	514 MU BX 2128	UC	2	
BOYETTE HANSEL L	250R FLAVET 3	AG	3	
BOYLES JOHN ALEXANDER	122. SD GEN DEL U STA	AG	3	
BOYLES THOMAS ATWOOD	BTPI HSE	UC	2	
BOYLSTON JAMES HARULD	205 MU GEN DEL U STA	UC	2	
BOZARTH EUGENE M	253 FR GEN DEL U STA	UC	2	
BOZARTH ROBERT FRANK	1 DORM L 1106 NE 10TA	AG	3	
BRABHAM JOHN ROBERT	RT 2 BX 126A	UC	2	6294
BRACK ROBERT WELLER	DTD HSE	BA	3	8083
BRADFORD BETTY ANN	RI 212	UC	1	
BRADFORD FRANCES H	PATRICK CT 1515 NW 2	UC	2	
BRADFORD JACK	13 BU GEN DEL U STA	UC	2	
BRADLEY EARL RONALD	226 FR BX 2906	UC	2	
BRADLEY ERNEST EDWARD	14 DORM C	UC	2	

BRADLEY HARRY M		GR	5	
BRADLEY LLOYD PEARCE	RT 3 285J	UC	1	
BRADLEY LOUIS EDGAR	17 DORM N	AS	3	
BRADSHAW CHARLES E JR	1123 SW 9TH ST ATO HU	C	2	
BRADSHAW FRED BEVILLE	115 NE 1ST AVE	BA	3	3366
BRADSHAW JAMES E	1627 NW 1ST AVE	UC	2	
BRADY ANGELA HERZOG	403 SE 3RD ST	UC	2	
BRADY D NORMAN	403 SE 3RD ST	UC	2	
BRADY JAMES FOSTER	202U FLAVET 3	PH	4	
BRADY JOSEPH THOMAS	90B TH GEN DEL U STA	UC	2	
BRADY RUTH OSBURN	COMMUTES LEESBURG	GR	5	
BRAGG CHARLES J	323 N 12TH ST	UC	1	
BRAIDO ROBERT HAROLD	37B BU BX 2162	AR	3	
BRAINARD WM WHITE	214 N W 12TH ST	AR	4	3665
BRAKEFIELD CHARLES W	1415 4TH ST NW	GR	5	
BRAKMANN HENRY EDW	1000 WE	UC	1	
BRAMLETT JO ANNE	145 GR GEN DEL U STA	UC	2	9173
BRAMLETT JOHN B	1806 NW 2ND AVE	LW	1	
BRAMLETT LESTER W	216 SW 4TH AVE	UC	2	4810
BRANAN ROGER LEO JR	DORM S GEN DEL U STA	UC	2	
BRANCH CARL ELMO	RT 2 BX 284	UC	2	9033
BRANCH DAN PAULK	53 TH BX 2763	UC	2	
BRANCH LEON MERCER	1002 W UNIV	BA	3	
BRAND DONALD EDWIN	401 MU GEN DEL U STA	UC	2	
BRAND MADELINE NOAH	COMMUTES MICANOPY	GR	5	
BRANDENBERGER JOHN D	137 FLAVET 2	GR	5	
BRANDON D MARSHALL	BX 2499	EG	4	
BRANDT DAVID E JR	111 FLAVET 2	EG	4	
BRANHAM MANLEY TALTON	60 Q FLAVET 1	BA	4	
BRANHAM WALLACE F	RT 1 BX 120A	GR	5	
BRANNING CHARLES E	150 SD GEN DEL U STA	UC	2	
BRANNON ALLEEN F	LITTLE GANDY BX 2771	UC	2	
BRANNON CLYDE TRAVIS	RT 2 LITTLE GANDY	ED	3	7280
BRANNON EDW HILL JR	SAE HSE	UC	2	4513
BRANNON JOHN J	SD GEN DEL U STA	AG	3	
BRANNON WM THOMAS	PKT HSE	UC	2	
BRASHEAR JOHN HIBBS	211C FLAVET 3	GR	5	
BRASHEAR LUCY MOORE	211C FLAVET 3	GR	5	
BRASWELL ROBERT LAKE	36 BU BX 2596	UC	2	
BRATINA LOUIS J JR	1622 NW 3RD AVE	ED	3	
BRATZEL RICHARD P	65A TH GEN DEL U STA	AS	3	
BRAUN JOHN CHARLES	356 LEIGH HALL	GR	5	
BRAUN MARGARET M K	NURSES HOME	UC	2	
BRAY HAROLD THOMPSON	1869 2ND AVE	UC	2	
BRAY LEONARD J JR	1914 NW 3RD AVE	AG	3	
BRAY THEODORE M	1836 NW 2ND AVE	GR	5	8885
BRAYTON DAVID S	PDT HSE	LW	3	
BREATHITT DOUGLAS H	1219 W UNIV	UC	2	
BREED MARION VIRGINIA	PATRICK & PIERCE	PE	3	
BREEZE GEORGE ALDINE	SNU HSE	UC	2	7353
BREGER JERRY EDWARD	ZBT HSE BX 2656	BA	3	7693
BREIDENBACH ANDREW W	2234 W UNIV	GR	5	8069
BRENN CHARLES B DEAN	15 DORM S	UC	1	
BRENNEIS CORNELIA A	231 RI	UC	2	
BRENNER EDWIN WARD	1002 W UNIV AVE	UC	2	8913
BRENNER HOPE KATHERYN	NURSES HOME	UC	1	
BRENNER HOWARD H	735 N E 12TH AVE	GR	5	
BRENNER LOUIS CHAS JR	237B FLAVET 3	UC	2	
BRENNER PATRICK H JR	636 TOLBERT HALL	UC	2	
BRESSLER HOWARD P	341 MU GEN DEL U STA	UC	2	
BRESSLER RHALDA B	1104 SW 1ST AVE	UC	2	9540
BREWER DICKEY THOMAS		UC	2	
BREWER ERNEST C	780 NO	UC	1	
BREWER LEON PARKS	90 TH BX 2881	UC	2	
BREWER LLOYD PRESTON	47 BU BX 2442	UC	2	
BREWSTER CORDORY E	119 SD BX 2432	AS	4	9180
BREY PATRICK M	860 SO	UC	1	
BRICENO CARLOS	805 NE 4TH TERR	UC	2	5360
BRICK W CLARK	SAE HSE	UC	2	
BRIDGES DALE FORREST	142 SD BX 2259	UC	2	
BRIDGES EUGENE ELLIE	497 MU BX 2284	UC	1	
BRIDGES GEORGE G JR	448 MU GEN DEL U STA	UC	2	
BRIDGES JACK KLUTTZ	1211 SW 4TH AVE	EG	4	6630
BRIDGES JULIAN CURTIS	62 TH BX 2176	AS	3	
BRIDGES LILLIE MCRAE	COMMUTES STARKE	ED	4	

BRIDGES THOS MCBRAYER	1236 NW 3RD AVE	AS	3		
BRIDGLAND THOMAS F JR	724 NW 2ND AVE	GR	5		
BRIGGS JAMES N	117 NW 17TH ST	UC	2	8573	
BRIGGS JERRY S	303 SE 2ND ST	UC	2	5963	
BRIGGS MARJORIE ANN	117 NW 17TH ST	AS	3	8573	
BRIGGS RUSSELL EDWARD	CLO HSE NW 15TH ST	PE	3		
BRILES LAWRENCE DEE	1040 WE	UC	1		
BRINCEFIELD CALVIN W	66A TH GEN DEL U STA	UC	2		
BRINDELL ALBERT LYNCH	8 DORM L GEN DEL U	SUC	1		
BRINDELL CORDES B	8 DORM L GEN DEL U	SUC	1		
BRINEGAR HAYWOOD C	SO	GR	5		
BRINEGAR ROBERT SPIRO	219 FR SN HSE	UC	2		
BRINN JAMES GASKILL	229T FLAVET 3	PH	4		
BRINSON WM BARNEY JR	1315 NW 2ND AVE	UC	2		
BRITT EUGENE R	1509 N E 9TH ST	GR	5	4490	
BRITT JOEL H	GEN DEL U STA	UC	2		
BRITTAIN BEATRICE A	92 YU	UC	1	9113	
BRITTLE GEORGIA HAZEN	COMMUTES BROOKSVILLE	GR	5		
BRITTON F OWEN JR	644 TO	AG	4		
BROADBENT ROBERT H	123 NW 2ND AVE	UC	2		
BROADUS LOREN A JR	472 MU PDT HSE	PE	4		
BROCK GEORGE LEE	321 SW 13TH ST	GR	5		
BROCK JAMES MARION	UNION STATION	UC	1		
BROCK LOIS ANN	2148 N UNIV	ED	3		
BROCK PETE HUTCHISON	W 3RD ST PIKA HSE	GR	5		
BRODIE CROZELLA ANN	DDD HSE	ED	3	8603	
BRODIE ROBERT S	256D FLAVET 3	AS	3	8794	
BRODIE WILLIAM PACKER	136 SD GEN DEL U STA	UC	2		
BRODT BURTON PARDEE	GEN DEL U STA	UC	2		
BRODY STANLEY M	1636 NW 6TH AVE	BA	4		
BROGDON JAMES EDISON	212A FLAVET 3	GR	5		
BROGDON WARREN ALSTON	1313 3RD AVE NW	GR	5	8626	
BROHM ROGER SHERMAN	RT 5	UC	2	5820	
BROMWELL RICHARD H	1419 NW 2ND AVE	PH	4		
BRONSON FRANCIS OTIS	102 NW 13TH ST	UC	2		
BRONSON MILTON L	DORM R GEN DEL U STA	UC	1		
BRONSON RICHARD A	626 SW 10TH ST	LW	1	9778	
BROOKER ANNE	ADPI HSE	UC	2		
BROOKER MARVIN JR	2244 NW 6TH FL	BA	4		
BROOKS DOUGLAS BARD	FOREST PARK FARMS	UC	2	4798	
BROOKS GERALD ELDEN	RT 4 ARCHER RD	UC	2	5110	
BROOKS HUBERT EZELL	MU BX 2791	UC	2		
BROOKS JOHN MILO	IDEAL TR PARK	PH	4		
BROOKS PHILIP A	1204 W UNIV	UC	2	7693	
BROOKS RICHARD JULES	RT 3 BX 96B	LW	1		
BROOKS RODNEY AVRAM	282 FR BX 2428	UC	2		
BROOKS WALTER MACK	STENGEL FIELD	AR	3		
BROOKSBANK JOHN S	707 NW 2ND AVE	UC	2		
BROOM HARRY BERNARD	PKT HSE	UC	2		
BRORSEN WALTER J	108 TH GEN DEL U STA	UC	2		
BROUGHMAN JIMMIE P	314 NW 2ND ST	UC	2		
BROWD RUDOLPH	407 MU	UC	2		
BROWER HOWARD L	1127 NW 16TH AVE	UC	1	5593	
BROWN AARON H JR	460 MU GEN DEL U STA	ED	4		
BROWN ADIEB ENOCH	235U FLAVET 3	UC	2		
BROWN ADRIAN WORLEY	PDT HSE	LW	1		
BROWN ALBERT EUGENE	109 NE BTH ST	ED	6		
BROWN ASA DARRELL JR	3 DORM C GEN DEL U	SUC	2		
BROWN BARTLEY FRANK	68S FLAVET 1	GR	5	9131	
BROWN BYRON LYNN	BTPI HSE	UC	2	4131	
BROWN CECIL HOWARD	13 NW 11TH ST	LW	1		
BROWN CHARLES K	1050 NE 13TH PL	GR	5	4605	
BROWN CHARLES MILTON	59 UNIV MANOR	FY	4		
BROWN CHARLES RICHARD	GEN DEL U STA	UC	1	9131	
BROWN CLARENCE C	887 SO	UC	1		
BROWN CONSTANCE JOAN	12 MA	UC	1		
BROWN DON EDWARD	474 MU GEN DEL U STA	UC	2		
BROWN DUNWOODY F	COMMUTES CALLAHAN	GR	5		
BROWN EDWARD JR	919 SW 6TH AVE	GR	5		
BROWN EDWIN COLLIER	COMMUTES YULEE	GR	5		
BROWN EUGENE	CEM DEPT	GR	5	3302	
BROWN ERNEST W JR	648 TO	UC	1		
BROWN FRANCES J	REISENS TR PK	AS	4		
BROWN FRANK ANTON	1613 NW 5TH AVE	AS	3		
BROWN GEORGE EARL	SCHI HSE	LW	3	5553	

BROWN HARVEY LEE	PKT HSE BX 2717	BA	4	
BROWN HENRY FRENCH JR	664 TO	UC	1	
BROWN HUBERT E		GR	5	
BROWN HUGO VICTOR	11 DORM C GEN DEL U	UC	2	
BROWN INA B	COMMUTES JAX	ED	6	
BROWN JAMES E JR	1734 NW 1ST AVE	GR	5	6420
BROWN JAMES RAYMOND	100B TH GEN DEL U STAS		4	
BROWN JAMES WALLACE	514 NW 21ST LANE	UC	2	5288
BROWN JEANNINE E	219 RI	UC	1	
BROWN JOHN KNOX	953 WE	UC	1	
BROWN JOHN WINFRED	102 NW 13TH ST	AG	4	
BROWN JOHNIE HOWARD	1305 NW 1ST AVE	GR	5	
BROWN KEITH L	105F TH BX 2089	UC	2	
BROWN KENNETH EARL	227D FLAVET 3	LW	2	
BROWN LEILA BLOIS	ADPI HSE	JM	4	
BROWN LOUIS NOEL	102 NW 14TH ST	BA	4	
BROWN MARION FRANKLIN	98 TH GEN DEL U STA	UC	2	
BROWN MILLARD C	819 NW 19TH AVE	ED	4	
BROWN PALMER ALLEN	266 FR BX 2437	UC	2	
BROWN RALPH NORTON	COMMUTES WALDO	PH	4	
BROWN REED B	953 WE	UC	1	
BROWN RICHARD F	626 NW 10TH AVE	EG	4	
BROWN RICHARD JOHN	371 MU GEN DEL U STA	UC	2	
BROWN RICHARD P	GEN DEL U STA	UC	1	
BROWN RONALD JAMES	211 SW 4TH AVE	BA	3	
BROWN RUTH F	COMMUTES JAX	ED	3	
BROWN SAMUEL JACKSON	252D FLAVET 3	GR	5	
BROWN SHIRLEY ANNE	216 NW 14TH AVE	UC	2	8088
BROWN STEWART M	REISENS TR PK	ED	4	
BROWN TED MACLEAN	935 SO	UC	1	
BROWN THOMAS ALONZO	612 NW 10TH AVE	AG	4	
BROWN THOMAS NATHAN	132 SD SAE HS	UC	2	
BROWN THOMAS ROLAND	819 NW 19TH AVE	EG	3	
BROWN THOMAS WM	20 DORM M GEN DEL	UC	1	
BROWN TOM FAIRFIELD	102 NW 14TH ST BX265	LW	3	
BROWN WANDA JEAN	68S FLAVET 1	UC	2	
BROWN WESLEY W	1623 N W ST	UC	2	
BROWN WILBUR LEE JR	GEN DEL U STA	UC	1	
BROWN WILLIAM A JR	197 SD GEN DEL U STA	EG	4	
BROWN WILLIAM CURTIS	311 NW 1ST ST	UC	2	
BROWN WM EDGAR JR	1613 2ND AVE	UC	1	
BROWNE EUGENE ALAN	PILP HSE	UC	2	9843
BROWNING ALEX W	42B BU	UC	2	
BROWNING BETTY LOU	52 GROVE HALL	AS	3	
BROWNING CHARLES R	GEN DEL U STA	UC	2	
BROWNING ETHEL THOMAS	COMMUTES LAKE CITY	GR	5	
BROWNING GEORGE B	365 MU GEN DEL U STA	UC	2	
BROWNING JANICE N	304 SE 7TH ST	UC	1	5328
BROWNING JOHN BOWIE	207R FLAVET 3	EG	4	
BROWNING LARRY	238U FLAVET 3	AR	4	
BROWNING PHILIP A	COMMUTES LAKE CITY	GR	5	
BROWNSTEEN SHIRLEY R	723 NE 8TH AVE	UC	2	
BROYLES DAVID BOWIE	23 NW 14TH AVE	AS	3	
BROZ JOHN JOSEPH	1738 NW UNIV CRANE	BA	3	
BRUBAKER EARL CHAS	408 MU GEN DEL U STA	UC	2	
BRUBAKER GILROY F	AGR HSE	AG	4	7053
BRUBAKER LEWIS DAVID	258 FR KA HSE	AG	3	
BRUBAKER NELLIE MAY	COMMUTES ST AUG	GR	5	
BRUCE CHARLES ROBERT	9B BU PIKP HSE	UC	2	
BRUCE JOHN WM	7 DORM M	UC	1	
BRUENING JOSEPH H JR	1124 NW 4TH ST	UC	2	
BRUMBAUGH JAMES H	419 NW 2ND AVE	UC	2	
BRUNDAGE DAN MILLARD	331 MU	UC	2	
BRUNING NANCY LEE	29 GR	UC	2	
BRUNER GERALD W	1734 NW 1ST AVE	UC	1	
BRUNNEY MARJORIE A	COMMUTES ST AUG	ED	3	
BRUNSON MARGARET M	514 NE 6TH ST	UC	2	
BRUSH FRANK LEONARD	48 BU GEN DEL	UC	2	
BRUTON ROBERT EUGENE	203D FLAVET 3	ED	4	
BRYAN CARNEY JOHN JR	3 DORM A GEN DEL U	UC	2	
BRYAN GEORGE RUSSELL	208 NW 16TH ST	UC	1	
BRYAN GERALD EDSON	UNIV MANOR	UC	2	
BRYAN GERALDINE C	231A FLAVET 3	GR	5	
BRYAN GLENN EDMUND	231A FLAVET 3	PH	4	
BRYAN GLENN LAMAR	738 TO	UC	1	

BRYAN HERBERT HARRIS	5 DORM O GEN DEL U SUC	2		
BRYAN JACK THADDEUS	252U FLAVET 3	GR	5	
BRYAN JAMES IRVIN	COMMUTES MICANOPY	UC	2	
BRYAN JOE	277 FR GEN DEL U STAUC	2		
BRYAN JOSEPH EDWIN JR	111 NW 19TH ST	UC	2	
BRYAN MARY EUGENIA	HIBISCUS PARK	UC	2	
BRYAN PATRICIA BOX	CO HSE	UC	2	
BRYAN RICHARD CONRAD	1625 NW 3RD AVE	BA	4	
BRYAN THOMAS FRANCIS	DORM	UC	2	
BRYAN THOMAS JAMES	384 MU BX 2541	UC	2	
BRYAN WILLIAM EDWARD	387 MU KA HSE	LW	1	8830
BRYANT BEVERLY	1734 NW 12TH RD	ED	3	7367
BRYANT BRONSON HOWELL	1425 NW 4TH ST	UC	2	7182
BRYANT JANIE RUTH	COMMUTES FERNANDINA	GR	5	
BRYCE KENNETH JR	GEN DEL U STA	AR	3	
BRYCE WILLIAM	UNIV MANOR	GR	5	
BRYNER HAZEL	COMMUTES BROOKSVILLE	GR	5	
BRYSON WALTER JAMES	SAE HSE	AG	3	
BUBIS ALVIN K	17 DORM S GEN DEL U	UC	1	
BUCHANAN WILLIAM HAZE	160 SD BX 2076	AG	3	
BUCHOLTZ MALVIN NOAH	71 TH GEN DEL U STA	UC	2	
BUCHWALD HERBERT THEO	TEP HSE	UC	2	
BUCHWALD MORTIMER	1010 WE	UC	1	
BUCK C BENJAMIN	KA HSE 136 17TH ST	BA	3	928
BUCK DOUGLAS LLOYD	13 DORM R GEN DEL U	UC	1	
BUCKHALT JOHN EDWARD	PIKA HSE	FY	3	
BUCKLEY HERBERT W JR	622 TO	UC	1	
BUCKLEY HUBERT EARL	204 NW 18TH ST	GR	5	4449
BUCKLEY LUIS	B DORM I LCA HSE	AR	4	
BUCKLEY ROBERT E	WE GEN DEL U ST	GR	5	
BUCKSHYE ALEXANDER R	BX 2286	ED	4	
BUCY WILLIAM WAYNE	202 NW 15TH ST	UC	1	
BUDDY GRIDLEY	COMMUTES JAX	GR	5	
BUDNICK MARTIN	B6A TH GEN DEL U STAUC	2		
BUELL BARBARA ANN	YULEE	UC	1	
BUIE JAMES C SR	136 NW 17TH ST	UC	2	
BUIE JOHN H	866 SO	UC	1	
BULL DAVID M JR	BX 3028	UC	2	
BULLARD GARY EDWARD	139 SD GEN DEL U STAUC	2		
BULLARD JAMES W	923 SO GEN DEL U STAUC	1		
BULLARD MARTHA J		GR	5	
BULLEN DANA RIPLEY II	1014 NW 15TH AVE	UC	2	7388
BULLOCK WM FRANK JR	733 NO	UC	1	
BUMBY BETTY JO	72 GR GEN DEL	AS	3	
BUNDY WM EUGENE	744 TO	UC	1	
BUNTING DONALD C	626 SW 2ND PL	GR	5	8503
BUNTING MARJORIE W	626 SE 2ND AVE	GR	5	
BUNTING RUTH MCCALL	1027 NE 7TH AV	UC	1	
BUNTON HERMAN EDGAR	468 MU GEN DEL	UC	2	
BURCH DONALD LEVIN	1123 SW 1ST AVE	UC	2	9054
BURCH LEON VIRGIL	241U FLAVET 3	UC	2	
BURCHAM PEGGY LOUISE	MA BX 23	UC	1	
BURCHARD GEORGE F	2 DORM S	UC	1	
BURCHFIELD MARTHA V	AOPI HSE	UC	2	
BURDETTE WILLIAM P	241F FLAVET 3 BX 227	PH	4	
BURDORF AMAZIAH P	983 WE	UC	1	
BURFORD WILLIAM L	302 7TH TERR	PH	3	
BURGDORFF CLARA L	AOPI HSE	UC	2	6563
BURGESS JAMES Z	DORM O 15	UC	2	
BURGESS JOSEPH E JR		GR	5	
BURGESS JOSEPH HALL	368 MU GEN DEL U STAUC	2		
BURGESS STEPHEN DENN	13 DORM N PIKP HSE	UC	2	
BURGESS WILLARD F JR	SC HSE	UC	2	
BURGKART ROBERT ALVA	247T FLAVET 3	UC	2	
BURGOON BARRY DRAKE	6 DORM K GEN DEL U SUC	1		
BURGSTINER CARSON B	6 DORM K GEN DEL U SUC	1		
BURK CHARLES MCELROY	PGD HSE BX 2725	UC	2	
BURK RICHARD BRYAN	PGD HSE BX 2425	UC	2	8303
BURKE CHARLES RUSSELL	407 MU GEN DEL U STAEG	3		
BURKE GEORGE J	COMMUTES SANDERSON	GR	5	
BURKE JACK DENNING	1736 NW 3RD PL	GR	5	3650
BURKE JACK JR	17NW 19TH ST	UC	2	
BURKE JAMES ARTHUR	PDT HSE	PE	3	
BURKE JAMES WILLIS	138 SD GEN DEL U STAUC	2		
BURKE JOHN EDWARD	WE GEN DEL UNIV STA	UC	1	

BURKETT CAROLYN MAY	137 GR GEN DEL U STA	UC	2	9145
BURKETT JAMES HAROLD	797 NO	UC	1	
BURKHALTER JAMES C	UNIV POULTRY LAB	AG	4	
BURKLEW JACK EVARD	317 FR BX 2547	BA	4	
BURKMAN WM LOUIS	15 NW 15TH ST	UC	2	
BURKS TILLMAN C JR	PKT HSE BX 2717	LW	1	8623
BURLEIGH JANET B	117 17TH ST NW	GR	5	
BURLEY FRANCIS EDWARD	636 TO	UC	1	
BURNETT EARL ORAN	192 SD AGR HSE	AG	3	
BURNETT ERNEST PAUL	13 DORM L	UC	1	
BURNETT GEORGE WILBUR	192 SD GEN DEL U STA	UC	2	
BURNETT GERALDINE	15 GR	UC	2	9145
BURNETT HARRY COPPIN	244U FLAVET 3	AG	4	
BURNETT LEWIS GORDON	4 DORM C BX 3046	UC	2	
BURNETT ROBERT C JR	418 MU GEN DEL U STA	EG	4	
BURNETTE PEARL L	COMMUTES JAX	GR	5	
BURNETTE VAN TYLE	15 SW 2ND PL	AG	3	
BURNEY HAROLD W	1234 NW 11TH AVE	GR	5	6230
BURNS BARTLEY JOHN	448 MU GLA UNION	GR	5	
BURNS CARMEN PATRICIA	1424 NW 6TH PL	AS	3	5865
BURNS ROBERT CAMP	445 MU GEN DEL U STA	UC	2	
BURNS ROBERT CHAS	40A BU GEN DEL U STA	UC	2	
BURNS ROBERT PAUL	413 SW 2ND AVE	UC	2	
BURNSIDE WALTER N JR	18 NW 17TH ST	UC	2	
BURPEE ARTHUR LELAND	734 TO	UC	1	
BURR JOHN WALTER JR	16 DORM C GEN DEL U	UC	2	
BURR RICHARD CHILD	TC HSE	UC	2	4814
BURROWS JOHN GEORGE	117 SD SPE HSE	UC	2	
BURT GLENN LESLIE	DTD HSE	UC	2	
BURT ROYCE JOHNS JR	COMMUTES TAMPA	GR	5	
BURTON BENJ SCREVEN	126 SD SPE HSE	UC	2	
BURTON JOHN SIBLEY	410 NE 7TH ST	UC	2	7169
BURTON ROBERT P JR	GEN DEL U STA	FY	4	
BURTON THOMAS R JR	86B TH D	UC	2	
BURWELL BARBARA	120 NW 20TH ST	UC	2	6568
BUSBY JAMES THOMAS	21 N E 1ST ST	UC	2	8406
BUSCHE ROBERT ERNEST	15 NW 15TH ST	AR	3	4814
BUSCIGLIO DOMINIC C	1538 NW 4TH AVE	GR	5	
BUSH HARVEY H JR	279 FR GEN DEL U STA	EG	4	
BUSH HAZEL W	COMMUTES OCALA	ED	3	
BUSING KENT	253 FR GEN DEL U STA	UC	2	
BUSK WALTER C	PIKA HSE	BA	4	3976
BUSKER SYDELLE BETTY	33 MA	UC	1	
BUSKIRK JAMES B	LAKE RD TR CT	UC	2	
BUSLINGER JOHN M JR	318 FR BX 2903	EG	4	
BUSSE ROBERT ALLEN	SPE HSE	BA	4	5903
BUSSELL WM HARRISON	420 N MAIN	GR	5	
BUSSEY WILLIAM MUIR	1217 N E 10TH PLACE	LW	3	3653
BUTLER GEORGE C	431 MU GEN DEL U STA	UC	2	
BUTLER JACQUELINE	CO HSE	AS	4	8953
BUTLER JAMES L JR	291 FR SPE HSE	BA	3	
BUTLER JOHN RICH	433 NW 21ST LANE	UC	2	8754
BUTLER LESLIE F	117 NW 15TH ST	UC	2	
BUTLER ROBERT HARDY	CP HSE	UC	2	
BUTLER ROBERT LEON	161 SD GEN DEL U STA	UC	2	
BUTLER ROBERT ONEIL	KS HSE	UC	2	
BUTLER THOMAS W JR	660 TO	UC	1	
BUTTERFIELD ROBERT L	PDT HSE	UC	2	
BUTTON JACK JUNIOR	741 SW 2ND AVE	UC	2	
BUTZ JESSE SAMUEL		EG	3	
BYINGTON CARL ANDREWS	218D FR GEN DEL	UC	2	
BYINGTON RICHARD W	211 FR SC HSE	UC	2	
BYRD BARNEY RAYMOND	416 MU KA HSE	UC	2	
BYRD BRUCE	413 MU GEN DEL UNIV	EG	4	
BYRD CARLISLE A JR	GEO SEAGLE HALL	AG	3	
BYRD JEAN MARIE	121 SE 3RD ST	UC	2	1734
BYRD JULIAN L	1002 W UNIV	UC	1	
BYRD RICHARD EDWARD	1508 NW 1ST LANE	UC	2	
BYRD WILLIAM HENRY	SAE HSE	LW	3	1534
BYROM MARY JEAN	18 GROVE	PH	3	
BYRON CHARLES WILLIAM	STENGEL FIELD BX 211	GR	5	
BYRON DOROTHY Q	7 STENGEL FLD	UC	2	
BYRUM BARNEY L JR	32J FLAVET 1	GR	5	

C

CABINESS ANDREW F	1880 W UNIV	UC	2	
CABRERA LUIS RAUL	260 FR BX 2882	UC	2	
CABRERA NILO	117 SD GEN DEL U STA	UC	2	
CACCIATORE ROBERT	54 TH BX 2032	UC	2	
CADE PAUL EDWIN	117 NW 15TH	AG	3	6023
CADLE SHIRLEY MAE	ACO HSE	UC	2	
CAFFERTY DAYTON WM	173 SD GEN DEL U ST	UC	2	
CAFFREY GERALD C	639 N E 10TH AVE	GR	5	4015
CAHN STEPHEN JACK	ZBT HSE BX 2656	UC	2	7693
CAIL MARGARET JEAN	256 RI	UC	2	
CAIN BORY JUNIUS	102 NW 13TH ST	UC	1	
CAIN RICHARD S	MU GEN DEL UNIV S	UC	2	
CAIN WILLIAM LEO	GEN DEL U STA 7 DORM	UC	2	
CALA JULIO	18 BU BX 2114	UC	2	
CALDWELL ANN LEWIS	160 YU	UC	1	
CALDWELL CHARLES K	COMMUTES	ED	4	
CALDWELL MARTHA ANN	CO HSE	UC	2	
CALDWELL PHILLIP B	134 SD BX 2296	UC	2	
CALDWELL VERNE MCDILL	LINDA ANN II	AG	3	
CALDWELL WILLIAM B	2 DORM S	UC	1	
CALHOUN CHARLES M	1023 WE	UC	1	
CALL JAMES HARWOOD	1004 W UNIV	BA	3	
CALLAHAM JOAN MARY	244 RI	UC	2	
CALLANAN RICHARD JOS	1318 NW 3RD AVE	UC	2	4787
CALLAWAY AGNES ANN	928 SW 1ST AVE	UC	2	
CALLAWAY GEORGE E	CLO HSE	FY	3	
CALLEJA GISELDA	66 GR	UC	2	
CALLISON CLAUDE P	ATO HSE	JM	4	
CALOHAN CARL E	730 NE 10TH PL	GR	5	
CALVETTO RICHARD S	694 TO GEN DEL U STA	UC	1	
CALVO RAUL OCTAVIO		EG	4	
CAMERA LOUIS	27H FLAVET 1	GR	5	
CAMERON DONALD LEON	214 NW 14TH ST	UC	1	
CAMERON EDITH MCBRIDE	316 NW 14TH ST	UC	2	4183
CAMP ARTHUR FORREST	LYRIC THEATER BX 306	EG	3	
CAMP BILLIE ANN	COMMUTES TAMPA	GR	5	
CAMP JAMES D	710 S 7TH ST	LW	3	
CAMP JOHN PERLIN JR	64A TH BX 2176	UC	2	
CAMP JULIAN FRED	1338 NW 13TH ST	UC	2	
CAMP LOUIE THOMAS	118A PK YONGE	GR	5	
CAMPBELL ALAN T	198 SD GEN DEL U STA	UC	2	
CAMPBELL ALYS FRAZEE	COMMUTES BROOKSVILLE	ED	3	
CAMPBELL BERTIE ANN	53 GR	ED	3	
CAMPBELL CAROLYN JEAN	257 RI	UC	2	
CAMPBELL CLAUDE R	1620 NW 3RD AVE	UC	2	
CAMPBELL EDWARD M	227 FR BX 2219	UC	2	
CAMPBELL ELMER RAY	77 TH GEN DEL U STA	UC	2	
CAMPBELL FRANKLIN F	705 TO	UC	1	
CAMPBELL GEORGE EMMET	767 NO	UC	1	
CAMPBELL JOE LOUIS	249 FR 1625 W 3RD AV	UC	2	
CAMPBELL JOHN ALTON	378 MU KS HSE	UC	2	
CAMPBELL MARY M	152 YU	UC	1	
CAMPBELL MONTEREY	ATO HSE	AS	3	4463
CAMPBELL RICHARD K	PKT HSE	AS	4	
CAMPBELL ROBERT O	PIKA HSE	UC	2	
CAMPBELL SADIE L	1516 NW 1ST PL	GR	5	
CAMPBELL SUSAN LIDA	1620 N W 3RD AVE	UC	1	
CAMPIONE HAROLD HENRY	1624 NW 2ND AVE	AS	3	
CAMPISI FRANK	GEN DEL U STA	UC	2	
CAMPO JOSEPH MICHAEL	201 SD BX 2566	PH	4	
CANELL HARRY A JR	914 NE 3RD AVE	EG	3	
CANN LESLIE DONAN JR	254 FR CRANE HALL	ED	4	
CANNING JOHN	684 TO	UC	1	
CANNON BARBARA JOAN	33 MA	UC	1	
CANNON ROBERT WILLIAM	505 MU SC HSE	AG	3	
CANNON THOMAS WM JR	242R FLAVET 3	UC	2	
CANOVA JOHN JULIAN	1719 NW 6TH AVE	UC	2	6007
CANOVA MARY ANNE	RT 2 KIRKWOOD	ED	3	5595
CANTARELLA LESTER S	GEN DEL U STA	UC	1	

CANTATORE ANTHONY R	42 BU GEN DEL U STA	UC	1	
CANTEY JOSEPH T	AGR HSE	UC	2	
CANTON JACQUELINE		AS	3	
CANTON JOHN NORMAN	334 MU GEN DEL U STA	AS	3	
CANTRELL HENRY LEWIS	PGD HSE BX 2725	AS	3	8303
CANTRELL MARY WHITE		GR	5	
CAPDEVIELLE PHILIP	COMMUTES NEW PT RICH	GR	5	
CAPLAN HENRY ROYAL	13 DORM M	UC	1	
CAPLAN RICHARD HARRY	693 TO	UC	1	
CAPO MILFORD THOMAS	1530 NW 6TH AVE	AR	4	5417
CARABALLO JACK M	309 FR BX 2822	BA	3	
CARAHER MARY LEE	MICHAEL HALL	UC	2	
CARBONELL GUMERCINDO	SPE HSE	AS	4	
CAREY JACK SMITH	1317 NW 7TH AVE	LW	3	
CARKHUFF EDWIN DIXON	1118 NW 1ST PL	GR	5	4796
CARLETON SARAH AGNES	COMMUTES JAX	GR	5	
CARLILE DOYLE W	GEN DEL U STA BU 336	UC	2	
CARLIN BOB SWAIN	684 TO	UC	1	
CARLIN CHARLES LEE	SN HSE	UC	2	
CARLIN JAMES ARTHUR	164 SD BX 2022	UC	2	
CARLISLE WAYNE M	243C FLAVET 3	LW	1	
CARLSON BILL	RT 4 BX 99	AR	4	
CARLSON CARL GUSTAV	GEN DEL U STA	UC	1	
CARLSON DONALD ROY	123 SD BX 2614	UC	2	
CARLSON EARL CHARLES	130 SD DC HSE	ED	3	
CARLSON MARY ALICE	50 GR GEN DEL U STA	UC	2	
CARLSON NORMAN APPFLT	70A TH GEN DEL U STA	FY	4	
CARLSON WM ELMER	270 FR ATO HSE	AG	4	
CARLTON DOUGLAS MAYO	1328 NW 3RD AVE	LW	2	
CARLTON J D		AG	4	
CARLTON JAMES MARTIN	MU GEN DEL UNIV S	UC	2	
CARLTON WESLEY KEA	GEN DEL UNIV STA	UC	2	
CARNEGIE JOHN LLOYD	GEN DEL U STA	GR	5	
CARNELL DARREL P	226 SW 3RD ST	LW	3	
CARNEY THOMAS MICHAEL	18 NW 17TH ST	BA	4	
CARPENTER ARCHER E	1712 NW 6TH AVE	LW	1	
CARPENTER CHARLES M	241S FLAVET 3	BA	3	
CARPENTER SIBLEY D JR	1106 NW 1ST PL	GR	5	
CARPENTER WILLIAM F	GEN DEL U STA	EG	3	
CARR GEORGE CARTER	PDT HSE	BA	4	
CARR JOHN DURWARD	1624 NW 2ND AVE	UC	2	
CARR LUCILLE ELIZ	188 RI	UC	2	
CARR RICHARD WADE	SPE HSE	UC	2	
CARRATT CHRIS ANGELO	COMMUTES STARKE	GR	5	
CARRATT HARRY GUS	2012 LEON ST	AS	3	
CARRE JOHN EUGENE	116 SD GEN DEL	AG	3	
CARRERA FRANK III	177 SD BX 2471	UC	2	9155
CARRERAS WILLIAM	181 SD GEN DEL U STA	UC	2	
CARRIER JANELLE H	185 YU	UC	1	
CARRIGAN RICHARD A	ROCKY POINT RD	UC	2	6929
CARRIS JEROME P JR	248D FLAVET 3	UC	2	
CARROLL MARCUS NEWMAN	1218 S W 4TH ST	GR	5	
CARROLL MARTHA P	119 YU	UC	1	
CARROLL MURRAY B	GEN DEL U STA	UC	1	
CARROLL RALPH E	639 N E 6TH ST	GR	5	
CARROLL ROBERT GEORGE	1116 SW 2ND AVE	EG	4	7096
CARROLL ROBERT ROY	251S FLAVET 3	UC	1	
CARROLL WM RICHARD JR	701 NW 15TH ST	UC	1	8630
CARRY WALTER THOMAS	BTPI HSE	UC	2	
CARSON ESTELLE M	1513 NW 8TH AVE	UC	2	3136
CARSON JOHN HARVEY	GEN DEL U STA TH	UC	2	
CARSON WEBSTER B	13 DORM R GEN DEL U	UC	1	
CARSWELL GEORGE F JR	14 DORM O GEN DEL U	BA	3	
CARSWELL JAMES CLYDE	125 FLAVET 2	PH	4	
CARSWELL MARTHA ANN	80 GR	ED	3	
CARTER ARLO DUNCAN	1106 SW 2ND AVE	UC	2	
CARTER BYRON RANDOLPH	PDT HSE	BA	3	
CARTER ELBERT STEPHEN	KA HSE	BA	4	8883
CARTER FLETCHER F	2090 W UNIV AVE	UC	2	
CARTER FRANK C	234 WAUKULLA	UC	2	8982
CARTER HURTIS LENOAH	1315 NW 6TH ST	AG	4	3132
CARTER JAMES EDGAR	1623 NW 1ST AVE	UC	2	4250
CARTER JAMES RICHARD	1041 NE 13TH PL	EG	3	3775
CARTER JAMES WALTER	25B BU BX 2512	GR	5	
CARTER LEONARD C	406 7TH AVE W	LW	2	

CARTER PATRICIA H	COMMUTES JAX	GR	5	
CARTER PRISCILLA ANN	COMMUTES JAX	GR	5	
CARTER RALPH CAMPBELL	959 WE	UC	1	
CARTER RAY HEIBERGER	204U FLAVET 3	GR	5	
CARTER WM EDWARD	COMMUTES LAKE CITY	PH	3	
CARTWRIGHT KATHERINE	205 RI	UC	1	
CARUTHERS CALVIN A	41A BU GEN DEL U STA	UC	2	
CARUTHERS MABEL G	COMMUTES COLEMAN	GR	5	
CARVER HUBERT LEXTON	NW 13TH ST	GR	5	5567
CARVER LOIS JENKINS	1208 SW 4TH AVE	UC	2	7336
CARVER RALPH STANTON	COMMUTES TRENTON	AG	4	
CARY LOUISE ROSEMARY	37 GR	UC	2	
CASARES RICHARD J	958 WE	UC	1	
CASEY FREDERICK LEE	277 FR GEN DEL U STA	UC	2	
CASEY JAMES JOSEPH	STENGEL FLD GEN DEL	UC	2	4795
CASEY MARY ALICE	1202 SW 1ST AVE	UC	2	
CASEY RICHARD EDW	503 NE 4TH AVE	LW	1	
CASH CHARLES EDWARD	624 NE 5TH AVE	PE	4	8960
CASHION MARY LEE	130 YU	UC	1	
CASKEY VANCE NICHOLS	GEN DEL UNIV STA	LW	1	
CASON CARL EUGENE	SPE HSE	UC	2	
CASON GEORGE THOMAS	KA HSE	AG	4	8883
CASON JAMES HANSEL	4 DORM I GEN DEL U S	GR	5	
CASON JOYCE EMMA	COMMUTES RAIFORD	UC	2	
CASON LOUIS WILSON	GA SEAGLE HALL	UC	1	
CASON MARGARET L	COMMUTES INVERNESS	GR	5	
CASON ORVIS L JR	LAKE RD TR CT	FY	3	9293
CASPER CHARLES R	782 NO	UC	2	
CASSELS JAMES RAY	GEN DEL	UC	1	
CASSELS KENNETH G	KA HSE	ED	4	
CASSELS MENIA RAY	1103 NW 5TH AVE	UC	2	
CASSIDY ARCH WILSON	1002 WE	UC	1	
CASTELLANO DOMENIC L	151 SD BX 3016	UC	2	
CASTELLANO DOMENIC M	151 SD GEN DEL U STA	UC	2	
CASTELLUCCI ALBERT H	IDEAL TR PARK	EG	3	9297
CASTLE RICHARD R	CRANE HALL	UC	1	
CASTLEBERRY FRANCIS N	524 N 9TH ST	UC	2	
CASTLES ELWOOD DAVID	71A TH GEN DEL U STA	ED	4	
CASTRO AGUSTIN	74A TH BX 2324	UC	1	
CASTRO TONY	155 SD GEN DEL U STA	UC	2	
CATES ELMER WAYNE	117 NW 17TH ST	UC	2	
CATRON LARRY GREY	46E BU GEN DEL U STA	UC	1	
CAUDILL JULIAN T	1029 N E 8TH AVE	PH	4	
CAUTHEN CHARLES R JR	BX 3081	UC	2	
CAWTHON DON MAITLAND	412 MU GEN DEL U STA	UC	2	
CAZIN WILLIAM CAESAR	1017 SW 1ST AVE	UC	1	8332
CEFALU MARTINA	123 YU	UC	1	
CELLON DEWITT LEE	RT 3 BX 121	UC	2	2959
CENTER BRUCE PARK	638 TO	UC	1	
CENTER WILLIAM R	202 SD GEN DEL U STA	UC	2	
CERBONE FRANK THOMAS	1319 NW 3RD AVE	UC	2	4812
CERNIGLIA BARBARA F	123 YU	UC	1	
CERRA FRANK	212 FR GEN DEL U STA	EG	3	
CERWIN MARY ANN K	137 YU	UC	1	
CHACE JAMES E	1014 NE 5TH ST	LW	3	8133
CHADWICK RALPH W JR	PIKA HSE	UC	2	
CHADWICK WALTER REED	WE	UC	1	
CHAFER MARY MARGARET	1720 W UNIV	UC	2	
CHAHALA STANLEY M	MU GEN DEL	UC	2	
CHALKER ARTHUR EDWIN	4 DORM N GEN DEL U S	UC	1	
CHAMBERLAIN PHILIP S	249 FR DTD HSE	UC	2	
CHAMBERLIN MORRISON E	PALM TERR SC HSE	UC	2	6968
CHAMBERS BETTY JANE	724 S W 10TH ST	PE	3	7854
CHAMBERS FRANK MAY	110 FLAVET 2	GR	5	
CHAMBERS MILTON	4643 DIXIE DR	GR	5	
CHAMBERS WM COLBY	COMMUTES OCALA	GR	5	
CHAMBLISS JOHN AUSTIN	17 BU GEN DEL U STA	UC	2	226
CHAMPION DONALD E	COMMUTES STARKE	FY	4	
CHAMPLIN JACK	7A BU GEN DEL U STA	UC	2	
CHAMPLIN JOHN KELLER	4 DORM N GEN DEL	UC	2	
CHANDLER ALFRED K	DC HSE	LW	1	
CHANDLER EDWARD H	71T FLAVET 1	ED	4	
CHANDLER GEORGE WM	389 MU SC HSE	EG	3	
CHANDLER JOHN ALAN	103 TH GEN DEL U STA	UC	2	
CHANDLER LOIS	1628 NW 3RD PL	AR	4	

CHAPMAN FRED A	UNIV MANOR 35	UC	2	3800
CHAPMAN GEORGE WARRENRT 1 BX 26A		AS	4	9297
CHAPMAN HERBERT LEE	1602 NW 1ST AVE	GR	5	
CHAPMAN JOHNNY JAY	COMMUTES LACROSS	UC	1	
CHAPMAN LIBBY	262 RI	UC	2	
CHAPMAN RAY EDWIN	SD PKT HSE	AS	4	
CHAPMAN RITA ELLEN	1614 W UNIV	AS	3	8780
CHAPMAN ROBERT EDWARDMU GFN DEL U STA		UC	2	
CHAPMAN ROGER ALLEN	ATHLETIC DEPT	UC	1	
CHAPMAN SHIRLEY	1202 SW 1ST AVE	AS	3	
CHAPMAN TALMADGE H	1106 SW 2ND AVE	UC	2	3220
CHASON THAD JACKSON	297 FR GEN DEL U STA	EG	4	
CHASTAIN HAROLD DAVID96B TH BX 2565		ED	4	
CHASTAIN JAMES ROY	722 NE 2ND ST	UC	1	
CHEATHAM CAROLYN J	173 YU	UC	1	
CHEATHAM CARROL PAGE	GEN DEL	UC	1	
CHEATHAM CHARLES H	234D FLAVET 3	GR	5	
CHEEK SPURGEON JR	158 SU BX 2601	UC	2	
CHELLMAN CHARLES W	312 FR BX 2904	FY	4	
CHELTON EDGAR A	CLO HSE GEN DEL	UC	2	
CHELTON HERBERT	15 SE 4TH AVE	UC	2	8910
CHEN WILFRED CHING	72 TH GEN DEL U STA	GR	5	
CHERBONNEAUX MAXWELL	242U FLAVET 3	EG	3	
CHERNE WILLIAM LOUIS	COMMUTES OCALA	GR	5	
CHERRY CHARLES MARTIN1818 NW 12TH TERR		UC	2	
CHESSER HOSMER L	1002 W UNIV	BA	3	6790
CHESSER MILTON S	TC HSE	UC	2	
CHESSINGTON JAMES B	229 NW 3RD AVE BX 26	AS	3	
CHESTER WILLIAM V	COMMUTES LIVE OAK	GR	5	
CHEZEM JIMMIE ARNOLD	91 TH GEN DEL UNIV S	UC	2	
CHIDDIX BEATRICE J	217 NE 1ST ST	UC	2	
CHIDDIX MOLLY ARNOLD	COMMUTES MELROSE	UC	2	
CHILDERS WM COLE	404 N W 17TH ST	GR	5	7650
CHILDRESS GEORGE A	BU GFN DEL U STA	EG	4	
CHILDRESS THOMAS W	84A TH BX 5557	UC	2	
CHILDS DEWEY L JR	503 SW 2ND ST	EG	3	
CHILDS THEODORE LYNN	500 FLAVET 1	EG	4	
CHILDS WALTER LEE	29 I FLAVET 1	UC	2	
CHILDS WM TRAVIS JR	405 S E 3RD ST	BA	3	
CHILES ALFRED B	ATO HSE	PH	4	4463
CHILES LAWTON JR	ATO HSE	BA	3	4463
CHIMES NICK JAMES	328 NW 15TH TER	AR	4	7790
CHIPPS THAIS BELLE	RT 3 BX 96B	AS	3	9162
CHISHOLM MARY ELIZ	122 NW 7TH TERR	GR	5	
CHITTY LILLIE R	142 YU	UC	1	
CHITWOOD DAN E	22 DORM O GEN DEL U	UC	2	9278
CHOATE RUSH EDGAR	720 NW 24TH AVE	GR	5	6955
CHOQUETTE JEAN	SK HSE	AS	3	9863
CHORPENING EMILY A	124 GR	UC	2	
CHOTAS NICHOLAS ELI	209 ANNIS BLVD	GR	5	7935
CHRISTEAS THEODORE L	202D FLAVET 3	PH	4	
CHRISTENSEN EDWARD W	232 NW 1ST AVE	GR	5	7193
CHRISTIAN JACK B	16 DORM I	GR	5	
CHRISTIE JAMES RONALD1806 N W 2ND AVE		GR	5	
CHRISTIE JULIAN P	201T FLAVET 3	UC	2	
CHRISTMAN HEIDI	274 RI	UC	2	
CHRISTY EDWARD HIRT	930 SW 7TH AVE	BA	3	
CHRYST MARJORIE N	1236 1ST AVE	UC	2	
CHURCH GEORGE III	WRUF BX 2201	UC	2	7576
CHURCHILL ROBERT REIDPKT HSE		EG	4	8623
CHUTRO JOHN JOSEPH	239S FLAVET 3	UC	2	
CIMINO PETER S JR	116 FLAVET 2	PH	3	
CIN MEHMET MALIK	13B BU BX 2045	UC	2	
CINOTTI MICHAEL A	813 NW 19TH AVE	PH	4	
CIPRIANI MARTHA LEE	229 REID HALL	UC	2	
CLACK ELLIS VERN	COMMUTES BROOKSVILLE	GR	5	
CLAOIANOS THOMAS JOHN435 MU GEN DEL U STA		UC	2	
CLAFLIN PATRICIA C	PM HSE	UC	2	951
CLAGER ROBERT L	6 DORM N	UC	2	
CLAGGETT WILLIAM	1504 W UNIV	UC	2	
CLANN HERBERT G JR	COMMUTES TAMPA	GR	5	
CLANTON FRANCES L	329 NW 17TH ST	UC	2	
CLANTON JAMES D JR	WE REC RM GEN DEL U	UC	2	
CLAPP RICHARD E	COMMUTES KEYSTONE	UC	2	
CLAPP RONALD T	SPE HSE	UC	2	

CLARK BARBARA V	1202 SW 1ST AVE	UC	2		
CLARK BEATRICE ANNE	1702 W UNIV	GR	5		
CLARK BROOKS LYNDON	71 TH GEN DEL UNIV	SUC	2		
CLARK BRUCE G JR	1209 W UNIV	BA	3	3745	
CLARK FRANK III	207U FLAVET 3	LW	3		
CLARK FRANK EMERSON	28A BU GEN DEL U STA	UC	2		
CLARK FRED A	1230 NW 9TH AVE	GR	5	3644	
CLARK GAIL JEANNE	31 MA	UC	1		
CLARK HARRIS WAYNE	962 WE	UC	1		
CLARK HAYNSWORTH K	OCALA ROAD GEN DEL UBA		4		
CLARK HAZEL F	303 NW 15TH TERR	GR	5		
CLARK IMOGENE CUTTS	1102 NW 4TH AVE	ED	4		
CLARK JAMES OLAN	88A TH GEN DEL U STA	UC	2		
CLARK JESSE HARVEY	17 DORM R	UC	1		
CLARK MARGARET ANNA	159 YU	UC	1		
CLARK OLIVER WENDELL	RT 3 BX 284	EG	4	8974	
CLARK PHILLIP A	702 NW 7TH ST	UC	2		
CLARK ROBERT EUGENE	RT 2 BX 103C	UC	1		
CLARK ROBERT THURSTON	1125 SW 11TH ST	FY	4		
CLARK ROBERT WING	343 MU KS HSE	UC	2		
CLARK TRAVIS LAMAR	16 DORM L BX 2366	UC	1		
CLARK WILLARD K	211 FR GEN DEL	UC	2		
CLARK WM CANDLER	917 SO	UC	1		
CLARKE ALFRED W JR	115 SE 7TH ST	EG	4		
CLARKE GRACE BLATZER	COMMUTES	ED	3		
CLARKE JAMES PHILIP	108 FLAVET 2	PH	4		
CLARKE JAMES RICHARD	LCA HSE	UC	2	8663	
CLARKE REGINALD G	189 SO BX 3014	UC	2		
CLARKE WM PARKER	397 MU BX 2633	AS	3		
CLARY GEORGE RIENDEAU	STENGEL FLD	UC	2		
CLARY WM RAYMOND JR	856 SO	UC	1		
CLAWSON ROBERT EMMETT	1107 SW 1ST AVE	LW	3	9806	
CLAXTON JAMES L	20M DORM M	UC	1		
CLAYPOOLE JANET	1113 NW 4TH AVE	UC	2		
CLAYTON CARLOS LONG	4 DORM A GEN DEL U	SUC	2		
CLAYTON JAMES E	RT 5 GOLFVIEW	LW	3	3430	
CLEIN JOSEPH BENJAMIN	12 DORM B GEN DEL U	UC	2		
CLELAND ROBERT SCOTT	74U FLAVET 1	GR	5	9131	
CLEM ROBERT GEORGE	508 NE 1ST ST	EG	4	8220	
CLEMENT MITCHELL	BX 2317	AS	4		
CLEMENT ROY R	938 SO	UC	1		
CLEMENT WILLIAM JAMES	107 SW 12TH ST	BA	3		
CLEMENTS ARTHUR E JR	8 DORM O GEN DEL U	SUC	2		
CLEMENTS JOHN ROBERT	650 TO	UC	1		
CLEMMONS BARBARA L	421 NW 15TH ST	ED	3	3123	
CLEMMONS HARMON L	421 NW 15TH ST	UC	1	3123	
CLEMMONS WM ELTON	421 NW 15TH ST	EG	4	3123	
CLIFTON BILLY DEAN	109 TH BX 3085	UC	2		
CLINARD MARY ALICE	745 NE 12TH AVE	UC	1	3746	
CLINARD THOMAS PAYTON	745 NE 12TH AVE	AG	4	3746	
CLINE ALBERT BRUCE	58 NW 23RD BLVD	UC	2		
CLINE CARL SAMUEL	BX 2067	UC	2		
CLINE JULIA BRYANT	GEN DEL UNIV STA	GR	5		
CLINE VIRGINIA J	1515 NW 2ND PL	UC	2		
CLOPTON JOHN HOWARD	277 FR GEN DEL U STA	UC	2		
CLOSE DAVID M	711 N E 5TH TERR	AR	4		
CLOSE ELMER GEORGE	917 SW 5TH AVE	GR	5	5295	
CLOSE EMORY HARRIS	236 S W 2ND ST	UC	2		
CLOSE MARY MILDRED	221 RI	UC	1		
CLOUD JERRY DOUGLAS	208 NW 14TH ST	UC	2	3613	
CLOUSER JAMES GOLDEN	ATO HSE	UC	2		
CLOUSER ROBERT EDWARD	ATO HSE	UC	2	4463	
CLOWER ROBERT PARK JR	212S FLAVET 3	GR	5		
CLYMORE CHARLES N	COMMUTES MICANOPY	GR	5		
COBB ARTHUR LEE	927 SW 8TH AVE	GR	5		
COBB DONALD RICHARD	WE	UC	1		
COBB JAMES EDGAR	SAE HSE	UC	2		
COBB JO ANN	CO HSE	AR	3		
COBB MORGAN THOMAS	2205 NW 1ST AVE	UC	1	7602	
COBB OTIS MILTON JR	214 NW 14TH ST	LW	1		
COBB PHILIP JACKSON	SN HSE	UC	2		
COBB REGINALD	COMMUTES NEWBERRY	GR	5		
COBB RICHARD LANE	1426 W UNIV	AR	3	9139	
COBB WM DONNELL III	1035 WE	UC	1		
COBB WILLIAM E	22 DORM M GEN DEL U	UC	1		

COBBEY MAXWELL E	13 DORM I GEN DEL U	GR	5	
COBURN DAVID EDWARDS	KS HSE	UC	2	
COCHRAN DAVID PAUL	GEN DEL U STA	UC	2	
COCHRAN EUGENE C	273 FR BX 2189	BA	4	
COCHRAN JAS FRANK	SAE HSE	LW	1	4513
COCHRAN MARGARET SUE	128A RT 2	UC	2	
COCHRANE BURTON L	COMMUTES WILUWOOD	GR	5	
COCHRANE EMMETT LEE	279 FR GEN DEL U STA	GR	5	
COCHRANE JUANITA MAE	95 YU	UC	1	
COCHRANE WM WALLACF	SAE HSE	UC	2	4513
COCKMAN MYRTLE G	COMMUTES BUNNELL	GR	5	
COCKS JOEL ELLIS	1115 NW 14TH AVE	GR	5	8767
CODDING JACK LEONARD	411 SW 3RD ST	GR	5	
COE HARRY LEE III	483 MU	UC	1	
COE HERBERT WALLACE	381 MU GEN DEL U ST	UC	2	
COE JAMES M	1103A SW 6TH AVE	BA	4	8580
COE MARY ELIZABETH	111 YU	UC	1	
COFER JOS BENJAMIN		LW	1	
COFFEEN CLIFFORD G	1624 NW 2ND AVE	AS	3	
COFFEEN RICHARD OWEN	1624 NW 2ND AVE	GR	5	
COFFEEN ROBERT GENE	1624 NW 2ND AVE	AS	3	
COFFEEN THOMAS LUND	SN HS	UC	2	7353
COFFIN ELIZABETH E	34 GR	UC	2	
COFFMAN LOWELL H JR	PGD HSE	UC	2	8303
COFRANCES ERNEST L JR	250B FLAVET 3	AR	4	
COGBURN JOE DALE	TC HSE	AG	3	
COGDELL JOY	1113 W UNIV AVE	GR	5	
COGNAC RALPH R	13 NE 10TH ST	UC	1	
COHEN ABRAHAM E	1105 W UNIV	UC	2	
COHEN ANNE LILLIAN	202 RI	UC	1	
COHEN CHARLES LOUIS	2 BU BX 3089	BA	3	
COHEN JACOB ORTLIEB	85B TH GEN DEL U STA	AS	3	
COHEN JULES	730 TO	UC	1	
COHEN MARILYN ANN	5 MA	UC	1	
COHEN MARVIN IRVING	23 DORM O GEN DEL U	UC	2	
COHEN MEREDITH JOSEPH	PILP HSE	LW	2	
COHEN SEYMOUR	TEP HSE	UC	2	
COHEN SIDNEY XAVIER	COMMUTES	GR	5	
COHN CLARENCE HENRY	410 NE 7TH ST	UC	2	7169
COIT GEORGE S JR	1716 NW 2ND AVE	LW	2	
COKER JACK DONALD	100 NE 8TH AVE	PE	3	
COLBERT JOYCE J	189 RI	UC	1	
COLCORD JAMES HUTTON	413 NE 1ST AVE	UC	1	
COLE ALEXANDER TROY	PO 3053	UC	1	
COLE BEVERLY B	1013 SW 2ND AVE	UC	2	
COLE CHARLES EDWARD	ATO HSE	UC	2	
COLE DON VICTOR	1834 NW 1ST ST	UC	2	
COLE EDWARD FOWLER	317 FR GEN DEL U STA	AS	3	
COLE HOWARD THOMAS	RT 2 BX 180C	AG	4	8908
COLE MARGARET D	RT 2 BX 180C	UC	2	8908
COLE ROBERT EARL	RT 4 BX 126A	UC	2	
COLE VERNON VERGIL	25A DORM M BX 2444	UC	1	
COLE WILLIAM SHEROD	344 MU GEN DEL U STA	BA	3	
COLEAN DALE VIRDEN	2862 W UNIV	UC	2	
COLEMAN CHARLES WELLS	831 NO	UC	1	
COLEMAN CLARK B	KS HSE	UC	2	8424
COLEMAN EDWIN ABBOTT	807 NO	UC	1	
COLEMAN INA ANNIS	24 MA	UC	1	
COLEMAN LEWIS ANDREW	1215 SW 4TH AVE	GR	5	
COLEMAN RICHARD R	200T FLAVET 3	AS	4	
COLEMAN WILLIAM JACK	1618 NORTH WEST 4TH	UC	1	
COLEMAN WM THOMAS	245R FLAVET 3	UC	2	
COLEN EDWIN DONALD	325 FR BX 2531	UC	2	
COLER WILLIAM NEWTON	BX 2449	AS	3	
COLES LORRAINE GLADYS	416 NE 2ND AVE	UC	2	4733
COLESON WILLIAM EARL	224R FLAVET 3	PE	3	
COLGAN CARROLL MONROE	228U FLAVET 3	GR	5	
COLLEGEMAN BETSY P	1622 NW 3RD PL	UC	2	4735
COLLETTE HERMAN D JR	1914 NW 3RD AVE	EG	3	8815
COLLIER ERIC JOHN	BU GEN DEL U STA	UC	2	
COLLIER MATTHEW W	19 DORM M GEN DEL U	UC	1	
COLLIER PATRICIA ANNA	CO HSE	BA	4	8953
COLLINS FRANKLIN OTIS	767 NO	UC	1	
COLLINS HAROLD MARION		UC	1	
COLLINS HARRY B JR	TKE HSE	EG	3	

COLLINS HARVEY ARNOLD		AR	4	
COLLINS JULIUS A	617 TO	UC	1	
COLLINS L D	1432 W UNIV	UC	1	
COLLINS LUCILE MARY	COMMUTES ST AUG	GR	5	
COLLINS NETTIE BASS	COMMUTES LIVE OAK	ED	4	
COLLINS ROBERT T JR	1625 NW 3RD AVE	GR	5	9237
COLLINS VERNON M	14 DORM L GEN DEL U	UC	1	
COLLINS WM EARL	1105 NW 6TH ST	AG	4	
COLLINSWORTH EDWARD	GEN DEL U STA	UC	2	
COLLINSWORTH WM H	10 DORM K GEN DEL U	UC	1	
COLOMBO JOHN	COMMUTES KISSIMMEE	GR	5	
COLONEY WARREN C	SAE HSE	EG	3	4513
COLONNESO DOMENICO	1419 1ST AVE NW	UC	1	
COLSEN JACK EDGAR	1218 4TH AVE	EG	4	8949
COLSON WENDELL HARVEY	304 SW 3RD ST	BA	3	
COLSON WILLIAM S	COMMUTES STARKE	AS	4	
COLSON WILLIAM ZACK	COMMUTES TRENTON	UC	2	3961
COLVIS LAWRENCE L	9A DORM K	UC	1	
COMANDER WM LUKE	BX 2561	AS	4	
COMBS BETTY JUNE	721 NE 3RD ST	PE	3	8254
COMBS CLARA JOAN	326 RIED	UC	2	
COMBS GEO ERNEST JR	721 N E 3RD ST	AG	4	8254
COMETZ NORMAN HAROLD	457 MU BX 2313	UC	2	
COMITUS NICHOLAS S	144 SD GEN DEL U STA	UC	2	
COMMANDER BETTY	COMMUTES YULEE	GR	5	
COMMANDER SAMUEL B	COMMUTES YULEE	GR	5	
CONAWAY BARON DARVIS	84 TH GEN DEL U STA	GR	5	
CONDE JULIUS JR	PIKP HSE	EG	4	
CONDO JESSIE KLINE	73T FLAVET 1	UC	2	
CONDON FRANCIS G	42 BU GEN DEL U STA	UC	2	
CONE JERROLD D	80A TH GEN DEL U STA	UC	2	
CONE VIRGIE MOLLY N	12 MA	UC	1	
CONE WM HENRY	COMMUTES	GR	5	
CONIGLIO JOHN	232 FR BX 2478	UC	2	
CONIGLIO JOSEPH S	COMMUTES TAMPA	GR	5	
CONKLING EDWARD B	376 MU	UC	2	
CONKLING LUCILLE P	235T FLAVET 3	UC	1	
CONKLING RANDALL M	235T FLAVET 3	GR	5	
CONKLING WM DONALD JR	856 SO	UC	1	
CONLEY DAVID BYRNE	781 NO	UC	1	
CONLEY KATHRYN J	COMMUTES CROSS CITY	ED	6	
CONLEY MARY FREEMAN	COMMUTES JAX	ED	4	
CONLEY ROBERT HARRY	PIKA HSE	UC	2	9037
CONN J ROY	919 SW 13TH ST	UC	2	7196
CONNELL AMOS MARTIN	323 FR GEN DEL U STA	FY	3	
CONNELL EDWIN HUNTER	244F FLAVET 3	GR	5	
CONNELL FORREST EARL	36 BU GEN DEL U STA	UC	2	
CONNELL GEO LORENZO	221A FLAVET 3	AG	4	
CONNELL JAMES RICHARD	365 MU BTPI HSE	AG	4	4131
CONNELL RODNEY HUBERT	11 BU BX 2834	AG	4	
CONNELLY MARIAN DEE	1023 SW 1ST AVE	UC	2	
CONNER ARTHUR E	9 DORM O GEN DEL U S	UC	2	
CONNER CARLENE CONE	1620 W UNIV	UC	2	
CONNER DOYLE EDWARD	AGR HSE	UC	2	7053
CONNER GLENN L	968 WE	UC	1	
CONNER KENNETH CLYDE	1620 W UNIV	UC	2	
CONNETT JOAN LOUISE	10 MA	UC	1	
CONNOR PEGGY ANN	39 MA	UC	1	
CONNOR ROBERT LARUE	208C FLAVET 3	UC	2	
CONNORS JAMES EDWARD	STENGEL FLD	ED	3	
CONSTANS EVALYN S	GOLF VIEW BX 2687	ED	4	7755
CONSTANTINE ZEFIRO	18 NW 17TH ST	AS	3	
CONTRERAS NORMAN A	502 MU BX 2892	EG	3	
CONWELL JOHN FRANK JR	FLAVFT 3 253U	ED	4	
CONYERS JOS WATTS JR	PALM TERR BX 2846	UC	2	9550
COOEY DALE EUGENE	103 NW 10TH ST	BA	3	
COOEY WM JEFFERSON	BX 2597	GR	5	
COOK ALVA A	COMMUTES LAWTEY	GR	5	
COOK CHARLTON JAMES	924 SO	UC	1	
COOK FRED L	COMMUTES FERNANDINA	GR	5	
COOK HAROLD HILTON	PO BX GEN DEL U STA	UC	1	
COOK JEANNINE	205 NW 16TH ST	UC	2	6349
COOK JOAN MARION	117 NW 16TH ST	UC	2	9055
COOK JOSEPH BRASELTONS	C HSE	UC	2	5553
COOK MARIE LUCY	MICHAEL	LW	2	

COOK NANCY W	304 NW 15TH ST	UC	2	9510
COOK RANDALL K	617 NE 10TH PL	UC	2	7984
COOK RICHARD BELL	405 NE 1ST AVE	UC	2	
COOK ROSA CARPENTER	COMMUTES LAWTFY	GR	5	
COOKE JANICE MARYLIN		UC	2	
COOKE WILLIAM MARION	TC HSE	LW	2	4814
COOKSEY JENNINGS B	136 DESOTO	UC	2	
COOLEY JAMES B	951 SE 4TH ST	UC	2	
COON DAN EUGENE	1420 NW 1ST AVE	UC	2	
COONS LESTER A JR	261 FR BX 2271	UC	2	
COOPER BENJAMIN	4 WEAVER HALL BX 255	BA	4	
COOPER OMER CLAUDE	240U FLAVET 3	PH	3	
COOPER PATRICK KEATON	1818 NW 12TH TERR	UC	2	6129
COOPER RICHARD S	306 NE 6TH ST	AS	3	
COOPER ROBERT ELLIOT	17 BU GEN DEL U STA	UC	2	
COOPER RUSSELL HAROLD	CLO HSE	UC	2	
COOPER THEODORE L	717 SE 5TH AVE	GR	5	
COOPER THOS JEFFERSON	217U FLAVET 3	LW	3	
COOPERMAN HAROLD	1223 NW 12TH AVE	LW	1	
COOTNER CHARLENE ROSE	248 RI	UC	2	
COPELAN ELEANOR MAUDE	1224 NE 5TH TER	UC	2	6088
CORBETT DONALD RUSSEL	279 FR BX 2269	BA	4	
CORBETT JACK E	614 SE 2ND PL	UC	2	
CORBIN JAMES L	250D FLAVET 3	PH	4	
CORCES CHARLES	187 SD GEN DEL U STA	UC	2	
CORCEY HUGH ARCHER	1840 NW 2ND AVE	UC	2	5562
CORDLE FRANK JR	214C FLAVET 3	AG	4	
CORE DONALD W	930 SO	UC	1	
CORETS MYRON L	375 MU PILP HSE	UC	2	9148
CORLIS LEMING B	145 SD GEN DEL U STA	UC	2	
CORMACK GLENN CALVIN	8 DORM K GEN DEL	UC	1	
CORNELIUS CHARLES S	16 DORM B GEN DEL U	UC	2	9181
CORNELL DONALD G	642 TO	UC	1	
CORNETT CAROLYN VIOLA	130 GR	UC	2	
CORRAL DOMINGO JR	237C FLAVET 3	EG	4	
CORREA PAULINO	280 FR BX 2080	AR	3	
CORRICK CAROLYN JANE	126 15TH TERR	UC	2	
CORRIGAN JAMES P	UNIV MANOR APTS	UC	2	
CORRY JOHN DOUGLAS	207 FR GEN DEL U STA	UC	2	
CORRY WILLIAM A	792 NO	UC	1	
COSIO BENJAMIN H	102A TH GEN DEL U STU	C	2	
CORRY POLLY MARTORELL	1702 W UNIV CO HSE	UC	2	
COSTELLO CATHERINE E	246 RI	UC	2	
COSTELLO DIANE NEIL	1125 SW 2ND AVE	UC	2	8963
COSTELLO RICHARD PAUL	116 NW 16TH ST	UC	2	6868
COSTON ROBERT FELIX	891 SO	UC	1	
COTHRON EDWIN ALONZO	1227 SW 1ST AVE	UC	2	7492
COTT FREDDIE	264 FR BX 2662	AR	3	
COTTINGHAM STEWART E	426 MU GEN DEL U STA	UC	2	
COTTON JAMES WOODROW	229C FLAVET 3	LW	3	
COTTON LOUIS HOBSON	917 NE 9TH AVE	UC	2	6570
COUCH WILLIAM E	23 DORM O GEN DEL U	EG	3	
COULLIAS ELEAS M	2950 N ALABAMA	UC	1	6440
COUNE FRANCIS L	UNIV POULTRY LAB	GR	5	
COURTNEY CARL STUART	SC HSE	UC	2	5553
COUSE MARGY LOUISE	135 YU	UC	1	
COUVILLION ALBERT J	4 DORM I GEN DEL U S	GR	5	
COVERSTON DAVID YOST	COMMUTES LABELLE	GR	5	
COVINGTON BEN BOUIF	364 MU BX 2344	EG	4	
COVINGTON EARL ORBIN	GEN DEL U STA	UC	2	
COVINGTON HARRISON W	1028 BROWER ST	GR	5	5646
COWAN WESLEY DEWITT	214 N E 13TH AVE	GR	5	5487
COWART DONALD WESLEY	1652 SW 13TH ST	ED	4	
COWART LAWRENCE D	159 FLAVET 2	UC	2	
COWART MARY FRANCES	157 YU	UC	1	
COX CHARLES CAMPBELL	396 MU BX 2203	BA	3	
COX EDGAR CHARLES	1508B NW 5TH ST	UC	2	
COX FLOYD R DEVINE	PIKA HSE	UC	2	
COX GEORGE CARL	663 TO BX 2444	UC	1	
COX JOHN ONEAL JR	BX 166	BA	4	7603
COX LOUIS THEODORE JR	16 DORM M	UC	1	
COX PAT	COMMUTES YULEE	GR	5	
COX RICHARD AUGUSTUS	219 NW 12TH TER	UC	1	3665
COX ROBERTA JEAN	124 NW 15TH TER	AS	4	
COX ROBT DEWEY JR	GEN DEL U STA	UC	2	

COX ROGER LAWRENCE	699 TO	UC	1	
COX WM EDWIN JR	389 MU BX 2504	BA	3	
COXETTER WILLIAM C	1666 W UNIV	UC	2	
CRABTREE CLYDE	TV 1	ED	6	
CRABTREE ETTIE JOAN	GEN DEL U STA 51 GR	UC	2	
CRAFT ANGUS C JR	PDT HSE	UC	2	
CRAFT GEORGE EDGAR	CRANF HALL	UC	2	
CRAFT LAURENCE M	418 W UNIV	UC	2	
CRAGGS JOHN EMMETT	1238 1ST AVE	UC	2	
CRAIG LAWRENCE FULTONSD 183 B		AS	4	
CRAIG PALMER HUNT	213 ANNIS BLVD	AS	3	7209
CRAIG ROBERT DENNIS	175 FLAVET 2	UC	2	
CRAIG ROBERT MCMEEKIN707 NW 2ND AVE		GR	5	
CRAMPTON JAMES MYLAN	318 NE 2ND AVE	GR	5	
CRAMPTON LAURENCE A	7 DORM R GEN DEL U SUC		2	
CRANDALL ROBERT ALLENPDT HSE		UC	2	
CRANE GERALD FRANCIS	706 TO	UC	1	
CRANE ROBERT DALTON	712 TO	UC	1	
CRANMER HAROLD D	178 SD GEN DEL U STABA		4	9155
CRARY EVANS JR	DTD HSE	LW	1	8083
CRARY WM FREDERICK	2148 HERNANDO	UC	2	7670
CRATEM PHILIP T	255 FR CRANE HALL	BA	4	
CRAWFORD ARTHUR RAY	244R FLAVET 3	JM	3	
CRAWFORD DEWITT C	COMMUTES OCALA	GR	5	
CRAWFORD JO ANNE	269 RI	UC	2	
CRAWFORD JOHN MOORE	DTD HSE	AS	3	80H3
CRAWFORD PAULINE	COMMUTES BOSTWICK	GR	5	
CRAWFORD RALPH D	RT 3 BX 968	EG	3	
CRAWFORD WM EDWARD	1228 W UNIV	UC	2	
CREARY WILLIAM C	1018 WE	UC	2	
CREDLE PEGGY L	173 YU	UC	1	
CREECH JOSEPH BARNES	2 UNIV MANOR	BA	4	
CREECH MINA GEDDES	5 UNIV MANOR	UC	2	
CREEL COY ANCLE	741 SW 2ND AVE	AG	3	
CREIGHTON JAMES BURNS695 TO		UC	1	
CRENSHAW ELDREDGE B	656 TO	UC	1	
CRENSHAW JOHN W JR	NEWBERRY RD	GR	5	
CREPPS DEWITT C	WE GEN DEL U STA	UC	2	
CRESPOCLASS LUIS	GEN DEL U STA	LW	1	
CRESSE JERRE	378 MU GEN DEL	UC	2	
CREVASSE CHARLOTTE C	102 NW 3RD ST	GR	5	
CREWS ESSIE JANE	COMMUTES HILLIARD	GR	5	
CREWS GEO LORENZO	514 SW 10TH ST	UC	2	
CREWS JAMES WM	226 SW 4TH AVE	GR	5	
CREWS JULIUS PAUL	COMMUTES LAKE CITY	UC	2	
CREWS MARVIN GUY	11 NE 6TH ST	LW	2	
CREWS RALPH	WE BX 2883	UC	1	
CREWS ROSE VIVIAN K	226 SW 4TH AVE	ED	4	
CREWS ROY LESLIE	COMMUTES LIVE OAK	GR	5	
CREWS THOMAS ALBERT	701 TO	UC	1	
CRIBBS CHARLES MORRIS24 BU GEN DEL		UC	2	
CRIBBS ROLAND F	66S FLAVET 1	LW	3	
CRIBBS WM RANDOLPH	117 NW 15TH ST	UC	2	6203
CRIPPEN ALBERT HENRY	741 W 2ND	BA	3	
CRIPPEN BETTY BOWMAN	741 SW 2ND AVE	UC	2	
CRISER MARSHALL M	TOLBERT HALL 627	LW	2	7353
CRISLIP JOHN ALLEN	215 FR GEN DEL U STABA		4	
CRIST RICHARD NOEL	GEN DEL US	UC	1	
CRITTENDEN EARL M	SPE HSE	UC	2	
CRITTENDEN ROBERT R	DORM R 3 KAP HSE BX24UC		1	
CROCKETT JERRY BRUCE	452 MU DTD HSE	AS	3	
CROFT JOHN L	750 FLAVET 1	AS	4	
CROFT LONNIE SAMUEL	COMMUTES HIGH SPRINGUC		2	
CROFTON LEMUEL C JR	829 NO	UC	1	
CROLL DOUGLAS EMIEL	GEN DEL U STA	UC	2	
CROM THEODORE R	1525 NW 10TH AVE	GR	5	8609
CROMARTIE VIRGINIA S	COMMUTES REDDICK	GR	5	
CRONIN DONALD KOHL	CRANF HALL	UC	2	
CROOKE JACK OWEN	246D FLAVET 3	AS	4	
CROOKE MARTHA SUE	246D FLAVET 3	UC	2	
CROPP DONALD WARREN	1118 NW 3RD AVE	UC	2	
CROSBY CAROLYN	231 SE 2ND ST	UC	1	8287
CROSBY ESSIE L	COMMUTES STARKE	ED	4	
CROSBY HUBERT SIDNEY	630 NE 11TH AVE	BA	4	
CROSBY MARGARET F	11 MA	UC	1	

CROSBY MARY LOUISE C	COMMUTES STARKE	ED	4	
CROSBY RICHARD LEE	11 DORM K GE DEL U SUC		1	
CROSLAND ROBERT ELDER	230D FLAVET 3	AR	4	
CROSS DOROTHY HUFFMAN	COMMUTES MELROSE	GR	5	
CROSS FRED EDGAR	BLDG B14 GEN DEL	UC	2	
CROSS HENRY IRWIN	100 TH GEN DEL U STAUC		2	
CROSSLAND AMELIA H	TRI DELT HSE	AS	4	
CROTEAU RENE JOSEPH	56B TH 1219 W UNIV	PH	3	
CROUCH BARBARA L	38 MA	UC	1	
CROWDER HENDERSON M	232 NW 16TH ST	GR	5	6868
CROWDER JAMES A	655 TO	UC	1	
CROWDER ROBERT G	517 SW 12TH ST	UC	1	
CROWDER WILLIAM CONE	517 SW 12TH ST	UC	1	
CROWLEY FREDERICK R		UC	2	
CROWLEY JAMES LEE	12 DORM C	EG	3	
CROWSON DAVID LANIER	412 MU BX 3109	EG	4	
CROWSON DOROTHY G	316 NW 20TH ST	GR	5	
CROWSON HENRY L	272 FR BX 3109	EG	4	
CRUM ROBERT WARREN	78U FLAVET 1	BA	3	
CRUMBLEY MARY MONROE	204 RI	UC	1	
CRUMBLEY WALTER S	725 TO	UC	1	
CRUMP JAMES EMMET	RFD KA HSE	UC	2	8883
CRUMPTON CHAS LEROY	235 FR BXX2449	AR	4	
CRUSE GLADYS J	COMMUTES BRONSON	UC	2	
CRUTCHFIELD HENRY E	753 NO	UC	1	
CRUTCHFIELD JAMES H	19 DORM M	UC	1	
CRUTCHFIELD JOHN TOM	1432 W UNIV	PH	4	9259
CUESTA OSCAR JR	132 SD BX 2086	AS	4	
CULBRETH BILLY JAMES	10B BU	UC	1	
CULLIS JAMES W	ATO HSE	UC	2	
CULLISON JERRY B	962 WE	UC	1	
CUMBEE AZILEE G	COMMUTES NEWBERRY	GR	5	
CUMBEE CARROLL F	COMMUTES NEWBERRY	ED	4	2171
CUMMING ROBERT BRUCE	210 FR BX 3065	AS	3	
CUMMINGS MORRIS V	PIKP HSE	EG	4	9107
CUMMINGS ROBERT C	RT 3 BX 285A	UC	2	
CUMMINGS VIRGINIA L	COMMUTES ST AUG	GR	5	
CUNIO RAYMOND EARL JR	821 F UNIV	UC	2	
CUNKLE AUSTIN CURTIS	500 MU SN HSE	UC	2	
CUNNINGHAM BEVERLY J	3 MA	UC	1	
CUNNINGHAM CAROL	1245 SW 1ST AVE	UC	2	8953
CUNNINGHAM EARL H	471 MU GEN DEL UNIV	UC	2	
CUNNINGHAM GARY ROBT	432 9TH AVE	UC	2	
CUNNINGHAM HARRELL W	241W FLAVET 3	AG	4	
CUNNINGHAM RICHARD E	353 MU SC HSE	UC	2	
CUNNINGHAM JIMMY PAUL	SN HSE	AG	3	
CURRY DONALD K JR	125 SD PIKP HSE	EG	3	
CURRY E BENNILENE	502 NW 2ND AVE	ED	3	3937
CURRY ELLIS R JR	BX 2039	UC	2	8119
CURRY EUGENE MILTON	322 FR BX 2001	UC	2	
CURRY HERMAN H	98Z FLAVET 1	EG	4	
CURRY PHILLIP G	1426 NW 2ND AVE	AS	4	
CURTIN THOMAS J	WHITE HOUSE HOTEL	GR	5	6441
CURTIS DAVID HOWELL	509 NE 1ST ST	BA	3	
CURTIS EDITH L	COMMUTES HASTING	UC	2	
CURTIS ROBERT GEORGE	MU GEN DEL UNIV S	UC	2	
CUSICK ANDERSON G	1020 S W 8TH AVE	GR	5	
CUSTER ROY F JR	839 SO	UC	1	
CUSTER SHIRLEY MAE	125 YU	UC	1	
CUTCHEN PAUL OTTO	283 FR GEN DEL U STAUC		2	
CUTLER KATHERINE H	COMMUTES MELROSE	GR	5	
CUTLER RONALD JOHN	COMMUTES MELROSE	GR	5	
CZYEWSKI WALTER V	142 DORM M	UC	1	

D

DABNEY JOHN HERMAN	233 DESOTO	UC	2	
DACY VICTOR BURBANK	ATO HSE	UC	2	4463
DAFFIN CHARLES ERNEST	1123 NW 3RD AVE	AR	4	
DAGOSTINO JOSEPH A	464 MU	UC	1	
DAILEY CLARENCE C	COMMUTES HIGH SPRING	GR	5	
DALBO JOHANNE S	92 GR	UC	2	

DALE CHRISTY D JR	COMMUTES LAKE CITY	LW	1	
DALE LAMAR BINION JR	1016 SW 7TH AVE	GR	5	7936
DALESSANDRO CAROLYN	P215S FLAVET 3	LW	2	
DALESSANDRO WARREN H	215S FLAVET 3	LW	2	
DALEY JEAN ELAINE	222 RI	UC	1	
DALTON JACK P	COMMUTES DUNNELLON	GR	5	
DALTON MARY ELIZABETH	80 MA	UC	1	
DALTON NORMA C	1245 SW 1ST AVE	UC	2	8953
DALTON WAYNE DEWITT	229S FLAVET 3	UC	2	
DALY LAURA BACKUS	300 SE 9TH ST	ED	4	7869
DALY PAUL ANTHONY	GEN DEL	UC	2	
DALZELL MARGARET I	COMMUTES OCALA	GR	5	
DAMPIER WILLIAM BYRON	120 NW 7TH	PH	3	
DAMSEL CHARLES H JR	19 SW 13TH ST	GR	5	
DANESE JOHN BISHOP	1 DORM L	UC	1	
DANIEL CHARLES PAUL	LCA HSE	BA	4	
DANIEL CHRISTINE Z	16 NW 20TH TER	GR	5	
DANIEL JAMES KENNETH	59Q FLAVET 1	EG	3	
DANIEL JAMES NIXON	16 NW 20TH TER	LW	3	
DANIEL JOSEPH WM JR	LCA HSE	BA	4	8663
DANIEL MADGE CYR	RT 2 BX 27H	GR	5	
DANIEL RAYMOND IVEY	LC HSE	AR	3	8663
DANIEL THOMAS WALTER	RT 2 BX 278	UC	2	
DANIEL WILLIAM F		GR	5	
DANIEL WILLIAM R	428 MU BX 247	UC	2	
DANIELS DEXTER H JR	SN HSE	UC	2	
DANIELS EDWARD COTTON	18 NW 17TH ST	UC	1	
DANIELS RICHARD CHAS	931 SO	UC	1	
DANIELS ROSE MARY	68 GR GEN DEL U STA	UC	2	
DANIELS THOMAS B	DIXIE PACKING CO	UC	2	
DANIELS WALTER C	457 MU GEN DEL U STA	UC	2	
DANTZLER RICHARD	SN HSE	UC	2	
DANZEY LINDA L	38 MA	UC	1	
DARBY GILBERT R	1642 W UNIV AVE	UC	2	9259
DARBY JAMES B JR	PDT HSE	BA	3	
DARBY JOHN N	60 TH GEN DEL U STA	EG	4	
DARDEN WOODROW J	126 FLAVET 2	GR	5	
DARLING CHARLES L	KS HSE	AS	4	
DARLINGTON ALBERT N	ATO HSE GEN DEL U STA	G	4	
DARLINGTON JULIAN T	1A FLAVET 1	GR	5	
DARLINGTON MARY	184 YU	UC	1	
DARRAH RALPH MACNEIL	115 NW 10TH ST	UC	2	
DARSEY LEON PALMER	5 SW 12TH ST	UC	2	
DARSTEIN HENRY P	248C FLAVET 3	BA	4	
DASHEW EVE	238 REID HALL	UC	2	
DASILVA NELSON M	BOX 2313 U STA	UC	2	
DASINGER BRUCE L	7A BU BX 2187	UC	2	
DATSON ALICE ANN	1518 NW 1ST PL	GR	5	
DATSON BURTON THEO	116 NW 18TH ST	EG	4	
DATZ BERNARD	PILP HSE	UC	2	
DAUGHARTY AUSTIN R	715 TO	UC	1	
DAUGHERTY BARBARA J	6 1117 NW 1ST PL	UC	1	
DAUGHERTY OLIVER E	COMMUTES OCALA	GR	5	
DAVANT JAMES DONALD	787 NO	UC	1	
DAVENPORT BLANCHE F	COMMUTES JAX	GR	5	
DAVENPORT LAWRENCE C	240 FR BX 2586	UC	2	
DAVENPORT WM DENDALL	39 BU PIKA HSE	UC	2	
DAVENPORT WM JENNINGS	1123 NW 3RD	AR	4	
DAVENPORT WILLIAM W	STENGEL FIELD BX2815	GR	5	
DAVES JOEL THOMAS	UNIV MANOR APT 18	LW	1	
DAVID CLAUDE LEE	470 MU BX 2833	UC	2	
DAVIDSON GLADYS BLACK	30 GR GEN DEL U STA	AS	3	
DAVIDSON JANE LEGARE	B4 GR	UC	2	
DAVIDSON JOHN GEO JR	RT 1 BX 26A	EG	4	
DAVIDSON RICHARD F	PIKA HSE	UC	2	9137
DAVIDSON STUART D	13 DORM M	UC	1	
DAVIDSON WATSON PERRY	RT 3 BX 283A	UC	2	8466
DAVIDSON WENDELL A	410 MU GEN DEL U STA	UC	2	
DAVIES BILLY THOMSON	UC HSE	AR	3	
DAVIES DANIEL R	156 SD BX 2601	BA	3	
DAVIES FRED IVERSON	410 N 13TH ST	BA	3	
DAVIES JAMES ARTHUR	24 DORM M GEN DEL U	UC	1	
DAVIES JOHN W	158 SD BX 2601	PH	3	
DAVILA ALVARO J	277 FR BX 2704	AG	4	
DAVIS BRUCE L JR	SC HSE	BA	4	5553

DAVIS	BRYANT WOODROW	736 F DEPOT	UC	2	1064
DAVIS	CATHERINE C	167 FLAVET 3	UC	2	
DAVIS	CHARLES CARLTON	418 MU KS HSE	BA	3	
DAVIS	CHARLES EVANS	167 FLAVET 2	LW	3	
DAVIS	CHARLES R	COMMUTES MELROSE	AS	3	
DAVIS	DARWIN F JR	209D FLAVET 3	AS	3	
DAVIS	DAVID VAN	931 SO	UC	1	
DAVIS	DONALD FLEET	707 TO	UC	1	
DAVIS	DONALD TODD	12 DORM N GEN DEL U	UC	2	
DAVIS	EDWARD A	1510 W UNIV	GR	5	
DAVIS	ERNEST JAMES JR	242 FR GEN DEL U STA	UC	2	
DAVIS	FELIX NORMAN	WRUF	AS	3	
DAVIS	GEORGE EUGENE	EAST JACKSON AVE	EG	3	4102
DAVIS	GERALD	315 FR GEN DEL U STA	AS	4	
DAVIS	HAL ALEXANDER	AGR HSE	UC	2	7053
DAVIS	HAROLD	337 MU GEN DEL U STA	UC	2	
DAVIS	HAYWARD H	161 SD GEN DEL UNIV	LW	1	
DAVIS	HERBERT ENDER	256F FLAVET 3	GR	5	
DAVIS	HERBERT LAMAR	209 FR KS HSE	ED	4	
DAVIS	J ROLFE JR	734 TO	UC	1	
DAVIS	JACKSON E	18 NW 7TH ST	UC	2	6710
DAVIS	JAMES ALLEN	1707 NW 7TH	UC	2	
DAVIS	JAMES EDWARD	PARADISE TR TR PK	UC	2	
DAVIS	JAN	166 YU	UC	1	
DAVIS	JANET DALLWIG		AS	3	
DAVIS	JAPNELL C	202A NW 12TH TER	AS	4	5368
DAVIS	JEANNE MARIE	1245 SW 1ST AVE	UC	2	8953
DAVIS	JOHN F JR		LW	2	
DAVIS	JOSEPH P	MU BX 3058	UC	2	
DAVIS	JUANITA ELIZ	441 NW 28TH AVE	UC	1	
DAVIS	JULIA HAMPTON	DG HSE	UC	2	
DAVIS	LEE ALISON	DG HSE 1228 W UNIV	UC	2	4537
DAVIS	MARJORIE CLAIRE	GEN DEL U STA	UC	2	
DAVIS	MARTHA LEE	77 MA	UC	1	
DAVIS	MARY ANN	725 NW 11TH AVE	UC	2	7467
DAVIS	MARY FRANCES	COMMUTES ST AUG	GR	5	
DAVIS	MOLLY OCONNOR	6B MA	UC	2	
DAVIS	PAULINE F	1936 NW 2ND AVE	GR	5	7165
DAVIS	PAULINA JANE	19 GROVE HALL	ED	3	
DAVIS	RICHARD CLAIR	1630 NW 2ND AVE	UC	2	
DAVIS	ROBERT DARIUS	SAE HSE	UC	2	
DAVIS	ROBERT GENE	974 WE	UC	1	
DAVIS	ROBERT MILLER	233 DE SOTO	UC	2	
DAVIS	ROBERT PAUL	RT 2 KIRKWOOD	GR	5	
DAVIS	ROBERT STANLEY	200A FLAVET 3	AR	4	
DAVIS	ROBERT WORTH	242 FR GEN DEL U STA	AR	4	
DAVIS	RODNEY HALL	238D FLAVET 3	AS	4	
DAVIS	ROY GENE	1BA BU GEN DEL U STA	UC	2	
DAVIS	RUSSELL LEE	628 TO	UC	1	
DAVIS	SAMUEL ADAMS	RT 3 BX 85NO	GR	5	
DAVIS	SYLVIA NAN	127 GR	UC	2	
DAVIS	THOMAS JULIAN	3612 NW 14TH ST	BA	3	8417
DAVIS	TILDON HAGEN	1228 W UNIV	ED	3	4537
DAVIS	WILLIAM C	1510 W UNIV	AG	3	
DAVIS	WILLIAM CALVIN		AR	3	
DAVIS	WILLIAM CLAYTON	KS HSE	UC	2	
DAVIS	WILLIAM F	816 ND	UC	2	
DAVISON	REX WESLEY	741 SW 2ND AVE	GR	5	
DAVISON	ROBERT O	RT 5 PINE TREE DR	GR	5	4876
DAWKINS	PAUL R	320 NW 2ND AVE	UC	2	
DAWSON	CARL D	510 NW 14TH AVE	LW	2	
DAWSON	CONSTANCE A	267 RI	UC	2	
DAWSON	EVA B	COMMUTES BROOKSVILLE	GR	5	
DAY	BOBBY GARRISON		UC	1	
DAY	GORDON MILLS	1105 NW 13TH AVE	AS	4	
DAY	ROBERT EDWARD	8B1 SO	UC	2	
DAY	WOODWARD W	7 DORM M	UC	1	
DAYAN	MAURICE	1102 NW 3RD AVE	ED	4	5889
DAYAN	VICTOR H	30 FR GEN DEL U STA	GR	5	
DAYTON	BARBARA LOUISE	6B MA	UC	1	
DEAL	CHARLES R	15 DORM A GEN DEL U	UC	2	
DEAN	CHARLES EDGAR	15 DORM C	AG	3	
DEAN	EDGAR TALMADGE	267 FR GEN DEL U STA	EG	4	
DEAN	JAMES CARROLL	1740 NW 2ND AVE	EG	4	
DEAN	JUNE ELAINE	1226 SW 3RD AVE	UC	2	

DEAN RICHARD LOUIS	GEN DEL U STA	UC	2	9279
DEAN VIVIAN ANITA	147 GR	UC	2	
DEANER MUIR CREWS	COMMUTES JAX	ED	3	
DEARBORN WILLIAM HALL	905 SO	UC	1	
DEARING WM HOWARD	WE	UC	1	
DEARMONA ARY JOSEPH	69 TH GEN DEL U STA	EG	3	
DEARMIN DONALD LEE	SHADOW LANE BX 2142	UC	2	
DEAS ELIZABETH C	40 MA	UC	1	
DEAVER JAMES WM	COMMUTES STARKE	PH	3	
DEBERARD PHILIP E JR	16E FLAVET 1	GR	5	
DEBEVOISE DONALD T	KA HSE	BA	3	8883
DEBOLT ROBERT CHARLES	992 WE	UC	1	
DEBS EUGENE VINCENT	CRANE HALL	UC	1	
DEBUSK WANDA YVONNE	86 MA	UC	1	
DE CASTRO ISLA MAE	COMMUTES LIVE OAK	ED	3	
DECKER JOHN DEWITT	200R FLAVET 3	GR	5	
DECKER MARTHA ALICE	304 NW 15TH ST	UC	2	9510
DEE ALAN GERALD	297 FR GEN DEL U STA	BA	4	
DEEHL LILA LEE	241 RI	UC	2	
DEEN PEGGIE	276 RI	UC	2	
DEES LEONARD CLYATTE	1642 W UNIV	AG	3	
DEES MARION JONATHAN	485 MA	UC	1	
DEESE RUBYE INEVA	COMMUTES JAX	ED	3	
DEESE THOMAS EDWIN	8 DORM M	UC	1	
DEFRANK DOMINIC A	8 DORM S BX 2279	LW	2	
DEGARMO JERRY P	407 NE 1ST AVE	EG	4	
DEGROOT KENNETH	209U FLAVET 3	EG	4	
DEGROOT PETER T	163 SD BX 201F	GR	5	
DEHAAN QUENTIN C	263 FR GEN DEL U STA	GR	5	
DEHART DOROTHY G	121 NW 16TH ST	AR	3	
DEINZER HARVEY T	928 NW 21ST TERR	LW	1	
DELACRUZ SERGIO	6B BU	UC	2	
DELAND GEORGE V JR	281 FR GEN DEL U STA	UC	2	
DELAPARTE LOUIS A	17 DORM S GEN DEL	LW	1	
DE LA PUENTA JUAN	437 MU BX 2624	AG	3	
DELATORRE RICARDO	1331 NW 6TH AVE	UC	2	
DELCHER ROBERT ALBERT	961 SE	UC	1	
DELEGAL JOHN L JR	136 SD CP HSE	UC	2	
DELEMOS ARTURO	FR N293 BX 202B	UC	2	
DELGADO RAMON RAMIRO	CRANE HALL	UC	2	
DELL MILDRED M	COMMUTES JAX	GR	5	
DELL ROSALIE	204 NW 18TH ST	SD	6	
DELMAR JOSEPH WARREN	15 DORM O SPE HSE	AR	3	
DELOACH ALLAN L	1209 W UNIV	PH	3	
DELOACH CARROLL E	39 BY PKA HSE	UC	2	
DELOACH JAMES V B	366 MU GEN DEL UNIV	LW	3	
DELOACH ROBERT D	4A DORM A GEN DEL U	UC	2	
DELSON SIDNEY LEON	CLO HSE	UC	1	
DELVES GEORGE THOMAS	GA SFAGLE HALL	LW	3	
DEMETREE JACK CHARLES	1712 NW 6TH AVE	LW	2	
DEMKO CHARLES WM	1123 SW 1ST AVE	UC	2	
DEMOREST ONA ELIZ	ZTA HSE	ED	3	
DEMOTSIS ESTHER M	COMMUTES WILDWOOD	ED	6	
DEMPSEY EDWARD A	SN HSE	BA	3	
DEMPSTER BETTY EVANS	166 FLAVET 2	ED	4	
DEMPSTER CORLISS E	166 FLAVET 2	EG	3	
DEMUNCK JACK STARK	307 13TH ST	GR	5	
DENINGTON W T	236U FLAVET 3	UC	2	
DENMARK HAROLD A	14E FLAVET 1 BX 3004	AG	3	
DENMARK JESSE CLINTON	256B FLAVET 3	UC	2	
DENMARK RICHARD S	251U FLAVET 3	AG	4	
DENNARD MERLE TAYLOR	416 NW 13TH ST	UC	2	
DENNARD ROBERT LEE	416 NE 13TH ST	BA	4	
DENNIS CAROL FRANKLIN	BX 2116	AG	4	
DENNIS JOHN VALUE	GEN DEL U STA	GR	5	
DENNLER CARL JR	1504 W UNIV	GR	5	
DENNY CHARLES HARDEN	605 NE 6TH ST	UC	1	
DENSON ROBERT R JR	PK YONGE LAB	GR	5	
DENSMORE LANIER C	214A FLAVET 3	UC	2	
DENTITH JANICE JUNE	47 GROVE HALL	AG	4	
DENTITH ROBERT MORRIS	1108 S E 1ST AVE	GR	5	
DENTON WILLIE MAE	COMMUTES STARKE	GR	5	
DEPENBROCK TOM VELTEN	429 MU GEN DEL U STA	UC	2	
DERGARRY WILLIAM T	344 MU GEN DEL U STA	EG	3	
DESANDRO BETTY	249T FLAVET 3	UC	1	

DESANDRO CHAS THOMAS	249T FLAVET 3	UC	2	
DESCHAMPS ENGLISH S	1238 SW 1ST AVE	BA	4	6914
DESIDERIO ROBERT J	UC HSE	UC	2	
DESROSIERS JAS THOS	FLAVFT 2 165	UC	2	
DESSUREAUX ERNEST F	204B FLAVET 3	UC	2	
DETERT STANFORD N	11 DORM D	UC	2	
DETWEILER JOHN STUART	1734 NW 1ST AVE	JM	3	
DEUDNEY AUGUSTUS H	KS HSE	BA	4	
DEUEL JAMES EDWARD	737 NE 8TH AVE	UC	2	3555
DEULIN BARBARA MARIE	1202 SW 1ST AVE	UC	2	6922
DEULIN JANET MARIE	144 YU	UC	1	
DEVANE JACK EDWARD	244S FLAVET 3	LW	2	
DEVANE JERRY ALAN	1003 WE	UC	1	
DEVENY ROBT BRUEN JR	STENGEL FLD BX 2815	EG	3	
DEVLIN ANNA BELLE J	COMMUTES STARKE	GR	5	
DEW EDWIN SIDNEY	THETA CHI HSE	FY	4	
DEW JAMES ERWIN	373 MU GEN DEL U STA	UC	2	
DEWAR ALEXANDER E	1017 NW 16TH AVE	UC	1	
DEWAR DONALD NORMAN	1504W UNIV	JM	4	
DEWBERRY DALE	DC HSE	UC	2	
DEWEES LEDYARD H	1830 NW 1ST AVE	UC	2	
DEWELL DANIEL EDSON	PDT HSE	UC	2	379
DEWELL SHEROD EUGENE	PDT HSE	AG	4	1379
DEWITT GEORGE KIRK	46 BU GEN DEL U STA	UC	2	
DEWITT TALBERT H	213C FLAVET 3	BA	4	5185
DEWOLSKI CASIMIR ROSE	GA SEAGLE	UC	2	
DEXTER FRONEA PARKER	LONILAIR APT 7	UC	2	
DIAMANDIS T JOHN	71B TH GEN DEL U STA	PH	4	
DIAMOND FRED	57A TH BX 3089	UC	2	
DIAMOND EMORY GARDNER	146 FLAVET 2	GR	5	5538
DIAS RAYMOND JAMES	205C SD GEN DEL U ST	UC	2	
DIAZ ERNEST	916 SO	UC	1	
DIAZ FRANK	714 TO	UC	1	
DIAZ HECTOR ALBERT	20 DORM M	UC	1	
DIAZ HENRY	177 SD GEN DEL U STA	UC	2	
DIAZ RAFAEL	MU E404 CRANE HALL	UC	2	
DICE DONALD FRANCIS	323 NW 12TH ST	UC	2	6983
DICKELMAN EDWIN D	16 DORM N	UC	2	
DICKERT DONALD LESTER	1740 NW 1ST AVE	AS	3	3010
DICKEY CARLOS RAY	219 NW 13TH AVE	LW	1	7102
DICKEY DOUGLAS ADAIR	2208 NW 10TH ST	UC	1	5628
DICKHAUS ALLEN R	LINDA ANN KS HSE	EG	4	
DICKINSON BURTON L	1029 WE	UC	1	
DICKINSON HARVEY E	18 NE 10TH ST	UC	2	5042
DICKINSON JAMES H JR	269 FR GEN DEL U STA	UC	2	
DICKINSON ROBERT C JR	160 SD STO HSE	EG	4	
DICKSON THOMAS GODWIN	33 STINGLE FLD BX 28	AG	4	
DIEDRICH GEORGINA R	125 NW 10TH ST	UC	2	
DIEDRICH HELEN V	125 NW 10TH ST	UC	2	
DIEHL DOROTHY DIXIE	AOPI HSE	UC	2	6563
DIEMER DONALD JACOB	311 FR GEN DEL U STA	BA	4	
DIETRICH JACK V	231R FLAVET 3	PH	3	
DIETZ DAVID PETER	77A TH GEN DEL U STA	EG	3	
DIETZ GEORGE ALBERT	65 TH GEN DEL U STA	LW	3	
DIETZ ROBERT HARRY	44 BU BX 2223	UC	2	
DIETZ WILLIAM EARL JR	GEN DEL U STA	GR	5	
DIFABRIZIO ERNEST	1007 WE	UC	1	
DILLARD CHAS AUBREY	1025 NW 10TH AVE	UC	2	
DILLARD F LOUISE	COMMUTES JAX	GR	5	
DILLARD JOHN ANDREW	1022 NW 4TH AVE	UC	2	5068
DILLEY ROLAND LOUIS	COMMUTES HIGH SPRING	UC	2	
DILLINGER WILLIAM L	136 NW 17TH ST	UC	2	
DILLON PAULINA	938 SW 1ST ST	UC	2	
DILLON WILLIAM JOS	240A FLAVET 3	EG	3	
DILLY WALTER HAROLD	247C FLAVET 3	UC	2	
DILSAVER CARL E	142 FLAVET 2	UC	2	
DILSAVER PRINCESS C	142 FLAVET 2	GR	5	
DILTS RUSSELL	985 WE	UC	1	
DIMMAGIO NICHOLAS JOS	858 SO	UC	1	
DIMMICK GLADYS MERLE	30 I FLAVET 1	UC	2	
DIMMICK JAMES WESLEY	30 I FLAVET 1	UC	2	
DIMODUGNO NICHOLAS	GEN DEL	UC	2	
DIMOND ROBERT HARRY	B DORM C GEN DEL U SU	UC	2	
DINCALCI ANTHONY A	RT 1 BX 26A	ED	4	9297
DINGMAN LYMAN A JR	138 SD GEN DEL U STA	UC	2	

DINKINS JO ANN	49 MA	UC	1	
DINKINS MARGARET L	241C FLAVET 3	UC	2	
DINKINS PAUL L JR	COMMUTES ANTHONY	GR	5	
DINKINS WILLIAM M	241C FLAVET 3	EG	4	
DINKLAGE RAYMOND P	298 BU BX 3102	AR	3	
DINSMORE WM EDWARD	40 UNIV MANOR	EG	4	
DINTER GEORGE	3 DORM S GEN DEL U S	UC	1	
DION JOHN BREBEUF	DC HSE	UC	1	
DION ROBERT ALOYSIUS	DC HSE	ED	4	7294
DIPPY ROY HENRY	GEN DEL U STA	AS	3	
DIRGHALLI SOLOMON G	1219 W UNIV	AS	4	
DISHONG JOHN DAVID	170 SD BX 2717	UC	2	
DISMORE GEORGE B JR	1287 7TH ST	UC	2	
DITTMAR BENNETT HILL	422 MU	UC	2	
DITTMAR CHARLES H	616 NW 13TH ST	LW	2	
DITTMAR ELIZABETH L	100 GR GEN DEL U STA	ED	3	9145
DIXON GRACE CHALMERS	68 GR GEN DEL U STA	UC	2	
DIXON LUCILLE	COMMUTES BRANFORD	GR	5	
DIXON MARK ADRIAN	198 SD	AS	3	
DIXON ROBERT EARL	RT 2 BX 58K	AG	4	6609
DIXON WINDELL A JR	947 WE	UC	1	
DOAN NANCY ANN	206 RI	UC	1	
DOBBINS ELIZABETH A	COMMUTES HIGH SPRING	UC	1	
DOBBS MARSHALL JULIAN	220U FLAVET 3	GR	5	
DOBSON JACK THOMAS	235U FLAVET 3	GR	5	
DOBSON JAMES HOYT JR	UORM A GEN DEL U STA	UC	2	
DODD JAMES BROWNING	415 MU GEN DEL U STA	BA	3	
DODD JOHN BRUCE	1824 NW 1ST AVE	EG	4	
DODD MARGARET WOLF	123 NW 15TH TERR	AS	4	
DODD MARY INEZ	4B MA	UC	1	
DODSON MARY ELIZABETH	COMMUTES NEWBERRY	GR	5	
DODSON V EVERETT	COMMUTES NEWBERRY	GR	5	
DODSON WM GILES JR	21 DORM M	UC	1	
DOERR BENJAMIN I	SN HSE	BA	4	
DOHERTY JOHN BISHOP	DTD HSE	EG	4	8083
DOKE ALEXANDER KENT	AGR HSE	UC	2	7053
DOKE CHARLES RICHARD	338 MU BX 2831	AG	3	
DOLAN WILLIAM W	115 NW 10TH ST	LW	1	7578
DOLL GENE BRADSHAW	311 15TH TER SAE HSE	UC	2	
DOMINGUEZ NELSON	637 TO	UC	1	
DOMINGUEZ ROGER	117 NW 3RD AVE	UC	1	
DOMINICK JULIAN K	256 R FLAVET 3	LW	1	
DONALDSON DON G JR	ATO HSE	AS	3	4463
DONALDSON MAURICE J	LITTLE GANDY	UC	1	
DONATELLI FELIX F	LCA HSE 1219 W UNIV	PH	3	8663
DONEY JOSEPH W JR	PIKP HSE	BA	4	9107
DONN EDWARD ALEXANDER	151 SD SPE HSE	AG	4	
DONNELLY NORMAN EARLE	913 SW 7TH AVE	BA	3	
DONNELLY SARA JONES	913 SW 7TH AVE	PE	4	
DONOFRIO BRENNE HOMERTO	731	UC	1	
DONOFRO JOSEPH LOUIS	REISENS TR PK	AR	4	
DONOVAN FRANCIS R	41B BU BX 3079	UC	2	
DOOLEY LOUIS GEORGE	4A BU BX 2684	GR	5	
DOONER LOUIS WM	BX 2474	UC	2	
DOPLER CATHERINE JANE	175 YU	UC	1	
DORLAND GEORGE L	BX 3023	UC	2	
DORMAN RICHARD MABEN	355 MU GEN DEL UNIV	UC	2	
DORSEY RODERICK	203 3RD AVE	AR	4	
DOSS EUGENE	COMMUTES SUMMERFIELD	GR	5	
DOSSEY BETTY JEAN	1204 NW 3RD AVE	UC	2	
DOSTER FREDERICK	174 FLAVET 2	AG	3	
DOTSON EDWIN RICHARD	1002 W UNIV	ED	3	
DOUGHERTY M RICHARD	365 MU GEN DEL	UC	2	
DOUGHTY KATHERINE J	220 RI	UC	1	
DOUGLAS EDWARD L	1026 SW 1ST AVE	UC	2	
DOUGLAS EVERETT D	MU GEN DEL UNIV S	UC	2	
DOUGLAS FRANCIS L	74 TH GEN DEL U STA	FY	4	
DOUGLAS HENRY CLAY JR	WISTERIA ST	AG	4	6343
DOUGLAS JOHN F JR	727 F UNIV AVE	EG	4	8198
DOUGLAS RICHARD F	RT 3 BX 69A	ED	4	
DOUGLASS CAROL NAOMI	LK RD TR PK	ED	4	9293
DOUGLASS WILLIAM D JR	SN HSE	LW	1	7353
DOW ANDREW N JR	RT 4 BX 122	GR	5	9870
DOWDY AZILENE EUGENIA	COMMUTES HIGH SPRING	GR	5	
DOWDY JOE HOLLAND	185 SD BX 2138	EG	4	

DOWE CAROLE EUNICE	155 YU	UC	1		
DOWLING CURTIS F JR	GEN DEL U STA	GR	5		
DOWLING JEAN BOYD	COMMUTES SANDERSON	GR	5		
DOWLING JOHN EDWARD	GVILLE CT	GR	5		
DOWNES DOUGLAS JOHN	173 SD	GR	5		
DOWNING HOWARD E	1666 NW 1ST ST	UC	1		
DOWNS ROBERT DONALD	204R FLAVET 3	AG	3		
DOYCH HERMINA	60 GR GEN DEL U STA	UC	2		
DOYLE JERRY EUGENE	11 BU GEN DEL U STA	LW	1		
DOYLE RICHARD K	RT 2 BX 278	AS	4		
DOYLE ROSE MARIE	235 RI	UC	2		
DOZIER JAMES LEE	16 DORM 0	UC	2		
DRAA GERALDINE A	240 RI	UC	2		
DRAKE CHARLES MILTON	ATO HSE 417 MU	UC	2		
DRAKE DEAN TYLER	186 SD GEN DEL U STA	UC	2		
DRAKE HARRY EUGENE	208 NW 14TH ST	UC	2		
DRAKE HARRY LAMAR	SAE HSE	AR	3		
DRAKE ROBERT BROWN	SAE HSE	UC	2		
DRAKE VIRGINIA F	204 NW 18TH ST	GR	5		
DRANE CLIFTON D	526 NE 6TH ST	PH	4	6696	
DRATT JAMES	AEPI HSE	UC	2	5889	
DRAWDY ROBERT GLENN	865 SO	UC	1		
DREHER JEANNE B	PIERCE & PATRICK HAL	UC	2		
DREHER ROBERT F	731 NE 9TH ST	UC	2	7150	
DRESSLER JAMES RONALD	783 NO	UC	1		
DREYER LLOYD JOHN	SAE HSE	UC	2		
DRIGGERS J E	623 NW 25TH AVE	UC	2	4585	
DRIGGERS ROBERT O	790 NO	UC	1		
DRIGGERS WM JEFFERSON	15 DORM C GEN DEL U	UC	2		
DRISCOLL PAUL JOHN	CRANE HALL	AG	3		
DRIVER BETTY JO	199 RI CO HSE	UC	2		
DRIVER EARNEST CARL	1420 NW 1ST AVE	UC	2		
DRIVER LARRY S	GEN DEL U STA	UC	2		
DRIVER ROBERT BOYD	PDT HSE	UC	2		
DROEGE FREDERICK A	324 FR SPE HSE	UC	2		
DRYDEN FRANK W JR	180 MU GEN DEL U STA	UC	2		
DRYDEN VERNON W	1522 NW 13TH ST	GR	5		
DRYMON JAMES J	1624 NW 2ND AVE	LW	3	9237	
DUANE JOHN PATRICK JR	COMMUTES OCALA	UC	2		
DUATO ROBERT SIMS	1318 NW 3RD AVE	UC	2		
DUBBIN MURRAY H	1105 W UNIV	LW	3		
DUBOIS ARTHUR NEIL	1116 SW 2ND AVE	UC	2	7096	
DUBOSE JOHN WILLIS	218A FLAVET 3 BX 234	BA	4		
DUCE KENNETH JOE	911 SO	UC	1		
DUCHON MARILYN	49 GR	UC	2		
DUCLETT ROGER SIGVAD	11 DORM B GEN DEL U	UC	2		
DUDA EDWARD DANIEL	208 NW 14TH ST	UC	1		
DUDA JOHN LUTHER	208 NW 14TH ST	UC	2	3613	
DUDLEY HERBERT L	722 NE 2ND ST	GR	5		
DUDLEY LEE J	400E MU	ED	3		
DUDLEY RITA	DG HSE	AS	4		
DUFF JOHN HOWARD	215T FLAVET 3	GR	5		
DUFFILL SARA ELIZ	250 RI	UC	2		
DUFFY JOHN OWENS	707 NE 10TH AVE	GR	5	5194	
DUFORE KENNETH LEE	20 DORM 0 GEN DEL U	UC	2		
DUGAN CALDWELL NORTON	312 NW 10TH ST SC HSA	R	3	5553	
DUGAN JOHN LOOMIS JR	SC HSE	GR	5	5553	
DUGGER JUNE ARMISTEAD	GEN DEL U STA	GR	5		
DUGGER RODERIC RUSS		GR	5		
DUGGER WM WILFORD JR	644 TO	UC	1		
DUGGINS CHARLES H	CRANE HALL	EG	4		
DUGOFF LEON	408 MU BX 2688	EG	4		
DUGUID DARLENE B	147 YU	UC	1		
DUKE GERALD LEON	1914 NW 3RD AVE	AG	4		
DUKE MARTHA STEWART	CO HSE	UC	2		
DUKE OSCAR CLARK	5 DORM B CP HSE	UC	2		
DUKES CARL J	720 SE 4TH AVE	UC	1		
DUKES OLIVER K	10 SE 3RD ST	AS	3		
DULANEY JOHN DOUGLAS	BTPI HSE	ED	3	4131	
DULANEY RALPH LEROY	RT 4 BX 399	UC	2	7080	
DULING BETTY ANN	1202 SW 1ST AVE	ED	3	6922	
DUMONT ROBERT FERNALD	374 MU BX 2505	UC	2		
DUNAWAY FRANK ROSSER	PLT HSE BX 2717	EG	3	8623	
DUNAWAY JAMES LEE JR	COMMUTES LAKE CITY	GR	5		
DUNAWAY JAMES MAXWELL	COMMUTES	GR	5		

DUNAYER JOSEPH	TEP HSE BX 551	PH	4	8863
DUNCAN CARRIE E	COMMUTES FT WHITE	ED	4	
DUNCAN JAMES MOYER	BX 84G RT 2	GR	5	7788
DUNCAN MARY FRANCES	226 RI	UC	2	
DUNCAN NELLIE R	COMMUTES BRANFORD	ED	4	
DUNKLE FAWN T	1015 SW 5TH ST	AS	6	
DUNLAP HERBERT M	601 E UNIV	AG	3	6410
DUNLAP LOVE REDDICK	LITTLE GANDY	UC	1	
DUNLOP ANGUS H	SC HSE	BA	4	
DUNLOP THOMAS EARLE	SC HSE	UC	2	
DUNN AUSTIN LEWIS	SPE HSE	AR	4	5903
DUNN BETTY JEAN	230 RI	UC	2	
DUNN GROVER CLEVELAND	1 DORM I GEN DEL U S	GR	5	
DUNN HENRY	367 MU GEN DEL U STA	BA	4	
DUNN HENRY CARL	157 SU BX 2027	PH	4	
DUNN MARTHA ANN	AOPI HSE	ED	3	6563
DUNN MARY GRACE	722 NE 3RD AVE	GR	5	
DUNN SIDNEY H	COMMUTES HAWTHORNE	GR	5	
DUNN WM JAMES	726 TO	UC	1	
DUNSCOMBE HARRY W	1025 SE 1ST AVE	UC	2	4078
DUNTY ROBERT PERRY JR	604 NW 13TH ST	LW	2	
DUPRE PEGGY DON	KD HSE	AS	3	
DURGIN ANN LANCASTER	217 RI	UC	1	
DURHAM RUTH MARIE	BX 739	UC	1	3893
DURHAM SARAH C	LITTLE GANDY BX 739	UC	2	3893
DURLAND HARRY PRESTON	320 SW 12TH ST	GR	5	8622
DURRANCE EUGENE EDW	209T FLAVET 3	BA	4	
DURRANCE GAY POWELL	926 W UNIV	UC	2	
DURRANCE JOHN RUFUS	824 E UNIV	GR	5	3196
DURRELL WM SANDFORD	PIKP HSE	UC	2	
DURSHIMER MARGARET E	COMMUTES BROOKSVILLE	GR	5	
DURYEE J BOWDEN	202A FLAVET 3	EG	4	
DUTTON ROBERT H	11 DORM N BX 3061	UC	2	
DUTTON ROSS STEWART	DC HSE	UC	2	
DUTTON ROY FRANK	DC HSE	EG	3	
DUTTON WM CONRAD	152 FLAVET 2	PE	4	
DUVALL DONNA JANET	YU 160	UC	1	
DUZICH JOHN JOSEPH	BX 2199 409 MU	EG	4	
DVORAK FRANK JOSEPH	240 FR GEN DEL U STA	EG	3	
DVORAK JOHN JAMES JR	240 FR GEN DEL U STA	UC	2	
DWYER JAMES SAMUEL	1305 NW 3RD AVE	AS	3	
DYAL MABEL	1922 NW 4TH AVE	UC	1	
DYAL OWEN PIKE	ARCHER RD BX 2583	UC	1	
DYAR ROBERT LESTER JR	239A FLAVET 3	UC	2	
DYCUS JAMES RONALD	18 DORM M GEN DEL U	UC	2	
DYE JIMMY LOUIS	13 DORM C GEN DEL U	UC	2	
DYER DONALD D	239 FR SPE HSE	UC	2	
DYER FRANK CORYDON	3 BU PIKA HSE	UC	2	
DYER JACK MCKAY	226B FLAVET 3	BA	4	
DYER JAMES T JR	PARADISE TR PK	ED	4	9162
DYER KENNETH LEE	217 FR GEN DEL U STA	UC	2	
DYER WILLIAM BARBEE	239 FR	EG	3	
DYESS JESSE S JR	764 NO	UC	1	
DYKES BERNARD MILTON	433 MU PKT HSE	UC	2	
DYKES BETTY ANN	RT 2 BX 84	UC	2	3109
DYKES GEORGE MALCOLM	PIKP HSE	UC	2	
DYKES GLENN MOORE	79 TH GEN DEL U STA	UC	2	
DYKES JOHN RILEY	116 NW 16TH ST	UC	1	
DYKES LEWIS EUGENE	687 TO	UC	1	
DYKES O C	128 FLAVET 2	UC	2	
DYKES WILEY VINCENT	GEN DEL U STA	UC	2	
DZAMKO GEORGE JOHN	298R FLAVET 3	AR	3	

E

EADS DONALD BRUCE	17 DORM C GEN DEL U	UC	2	
EADS DONALD WAYNE	40A BU GEN DEL U STA	UC	2	
EAGAN JOHN ROBERT	65 TH GN DEL U STA	LW	2	
EAKINS GILBERT R H	1250 SW 3RD AVE	UC	1	
EAMES STANLEY WALTER	9 DORM R GEN DEL U S	UC	1	
EARLEY CLARENCE DEAN	248S FLAVET 3	AG	4	
EARNEST JAMES H	20 NE 8TH ST	LW	1	

EARNEST VIRGINIA A	DDD HSE	AS	4	
EASON COBURN C	255F FLAVET 3	AR	3	
EASON JOHN SINCLAIR	422 MU SPE HSE	UC	2	
EASTMAN JOHN F	439 LAFAYETTE	JM	3	
EASTMOORE EUGENE L	24B BU BX 2279	LW	2	
EATON ELIZABETH ANN	1112 S W 4TH AVE	E4	4	6972
EATON WAYNE GRIFFIN	147 SD OTD HSE	AS	4	
EAVES ANDREW JACKSON	361 MU GEN DEL	UC	1	
EBENHACK JOHN GEORGE	LCA HSE	BA	4	
EBERSOLE ROBERT PELOT	1238 SW 1ST AVE	AR	4	6914
EBERSOLE WANDA C	GVILLE DAILY SUN	PH	4	6825
EBSARY ROBERT BRUCE	BTPI HSE	EG	4	4131
ECKEL EDWARD F	12 NF 5TH ST	GR	5	
ECKHOLDT DOROTHY L	1202 SW 1ST AVE	AS	3	6922
ECONOM STANLEY	4A DORM C GEN DEL U	PH	3	
ECONOMOU KATINA	1105 SW 7TH AVE	AR	3	
EDDINGTON JOHN GARY	1 DORM K	UC	1	
EDELSON ELIHU	3 DORM I GEN DEL U S	GR	5	
EDGERTON JOAN LAVERNE	60 MA	UC	1	
EDMISTON ROBERT B	233C FLAVET 3	EG	4	
EDMONDS MAURICE OWEN	479 MU GEN DEL U STA	UC	2	
EDMONDSON JOHN B	7 DORM K GEN DEL	UC	1	
EDMONSON EDWARD MACON	1120 N E 5TH TERR	ED	6	
EDMUNDS ALFRED F	227B FLAVET 3	GR	5	
EDMUNDS JOHN FRANCIS	SD PDT HSE	ED	4	
EDSON JAMES A	5 DORM C	UC	2	
EDWARDS CHARLES DOUG	271 FR K A HSE	EG	4	
EDWARDS CHARLES H	167 SD GEN DFL U STA	UC	2	
EDWARDS CHARLES W	514 MU	UC	2	
EDWARDS CLARA BLANCHE	COMMUTES STARKE	ED	4	
EDWARDS ERNEST NOLEN	734 NE 10TH ST	LW	1	
EDWARDS EUGENE H	948 WE	UC	1	
EDWARDS HERMAN L	UNIV MOTEL	LW	2	3800
EDWARDS JAMES ROBERT	943 WE	UC	1	
EDWARDS LLOYD G	UNIV LODGE KA HSE	UC	2	
EDWARDS LOUIS M	61A TH BXX2176	GR	5	
EDWARDS LOWELL R	322 FR BX 2001	UC	2	
EDWARDS MARY BOYCE	109 YU	UC	1	
EDWARDS MILDRED H	1217 4TH AVE SW	ED	3	
EDWARDS ROBERT SIDNEY	208 NW 14TH ST	LW	1	3613
EDWARDS WILLIAM H	1319 NW 2ND AVE	FY	3	
EEFTING RONALD M	PKT HSE	LW	2	
EFFRON LOUISE	238 RI	UC	2	
EFSEROFF JACK THEO	MU PILP HSE	UC	2	
EFSTATHION CHRIS	1420 W UNIV	UC	2	
EGAN GERARD HUGH		UC	1	
EGAN MONICA STELLA	400 SW 4TH AVE	LW	1	
EGELHOFF ERNEST F	8A DORM K GEN DEL U	UC	1	
EGGERS LLOYD EDWIN	89A TH GEN DEL U STA	UC	2	
EHRLICH HARVEY JEROME	359 MU GEN DEL U STA	UC	2	
EHRMANN MARGARET B	1235 SW 9TH AVE	UC	2	7690
EICHELBERGER PEARL V	COMMUTES HILLIARD	GR	5	
EIDSON GEORGE T JR	SAE HSE	LW	2	
EIDSON TEDFORD V	798 NO	UC	1	
EINHORN DOROTHY G	317 SW 4TH AVE	UC	2	5048
EINHORN LOUISE	1104 SW 1ST AVE	UC	2	9540
EISENBERG HERBERT B	380 MU GEN DEL U STA	AS	4	
EISENBERG WILBERT S	262 FR GEN DEL U STA	EG	3	
EISENSTADT MELVIN M	PILP HSE	EG	3	9843
EISENWINTER CHARLES E	GEN DEL U STA	AG	4	
EISSEY THOMAS M	407 NE 1ST AVE	EG	4	
EKELUND MARJORIE A	100 YU	UC	1	
ELDER BENJAMIN M	107 TH BX 2167	UC	2	
ELDER HAROLD RUSH	18 NW 17TH ST	UC	2	
ELDER MARGARET	47 MA	UC	1	
ELDER RANDALL COLE	141 SD BX 2393	UC	2	
ELDREDGE DUANE P	693 TO	UC	1	
ELKES EUGENE R JR	68B TH ATO HSE	UC	2	
ELLER JAMES KING	1730 NW 6TH ST	GR	5	
ELLERBEE JOSEPH F	107 NW 15TH ST	UC	2	4834
ELLINOR DANIEL H	NO SN HSE	UC	1	
ELLIOTT JOSEPH H	2A FLAVET 1	GR	5	
ELLIOTT LARRY PAUL	MU 1817 NW 13TH ST	UC	2	8377
ELLIS CHARLES T JR	117 NW 17TH ST	GR	5	
ELLIS CHARLEY LLOYD	10 DORM A	UC	2	

ELLIS JOSEPH O		GR	5	
ELLIS LUCILE	COMMUTES ALACHUA	GR	5	
ELLIS MARY ELIZABETH	COMMUTES OCALA	GR	5	
ELLIS MARY LOUISE T	147 YU	UC	1	
ELLIS PAUL RALPH	319 FR BX 2216	UC	2	
ELLIS RUTH JUDD	2207 NW 2ND AVE	AS	3	
ELLIS THOMAS EDMUND	310 S MAIN ST	UC	1	6357
ELLIS VI JEANNE H	321 SW 13TH ST	ED	6	5034
ELLIS WAILES GRAY	KA HSE	BA	3	8883
ELLISON GENE LAMAR	1222 SW 4TH AVE	AR	4	
ELLISTON RICHARD A	909 NW 6TH ST	UC	2	3600
ELLSWORTH WALTER WM	ATO HSE	BA	3	
ELLYSON ROBERT C	221 SW 13TH ST	UC	2	
ELMORE WILLIAM E	720 NE 4TH AVE	GR	5	
ELOZORY LIONEL	BX 551 TEP HSE	BA	4	8863
EMERSON ANN	76 MA	UC	1	
EMERY DON WOODRUFF	143 SD GEN DEL U STAAR	AR	4	
EMMETT DOROTHY JANE	121 NW 15TH ST	AS	4	
EMORY JEAN LORRAINE	305 NE 10TH T	AR	6	8259
EMS HERBERT ARTHUR	IDEAL TR PK	EG	3	
ENDSLEY WALTER S	1105 NE 5TH ST	UC	1	7994
ENFINGER FRANK MARION	206 NW 2ND AVE	UC	2	
ENG WAH YO	928 TH GEN DEL U STAAR	AR	3	
ENGDAHL LOUISE ADAIR	1106 SW 4TH AVE	UC	2	8733
ENGE NOBLE	316 FR GEN DEL U STAUC	UC	2	
ENGEL TALILA VERA	116 YU	UC	1	
ENGLISH FLORENCE C	177 RI	UC	1	
ENGLISH GEORGE W III	8 SW 10TH ST	BA	4	
ENGLISH JAMES JOSEPH	381 MU GEN DEL U STALW	LW	2	
ENGLISH JOSEPH J	322 FR GEN DEL UNIV	BA	4	
ENGLISH JULIUS CLYDE	249B FLAVET 3	GR	5	
ENNIS HENRY GORDON	673 TO	UC	1	
ENNO FREDERICK F	8 DORM M GEN DEL U SUC	UC	1	
ENSEY HARRY R	756 NO	UC	1	
ENTREKIN DURWARD NEAL		GR	5	
ENTZ JOHNNYE SANDERS	1243 NW 4TH AVE	UC	2	6878
ENYEART JAMES F	485 MU GEN DEL U STAUC	UC	2	
ENZER MATTHEW	1033 WE	UC	1	
ENZOR PATRICIA ANN	1202 SW 1ST AVE	UC	2	
EPPELE PAGE MINER	14 DORM M BX 2682	UC	2	9041
EPPERSON KATHRYNE E	COMMUTES LAKE BUTLER	GR	5	
EPPS HUGH KINARD JR	253C FLAVET 3	ED	4	
EPSTEIN CHARLES		EG	4	
EPTING ROBERT E	COMMUTES HILLIARD	GR	5	
EPTING ZOLA WYLIE	COMMUTES HILLIARD	GR	5	
ERGLE CLYDE L JR	1103 SW 7TH AVE	UC	2	
ERGLE JAMES CORBETT	117 SW 12TH ST	UC	2	
ERGLE OLA JANE J	1103 7TH AVE	UC	2	
ERGLE OMAR HARRISON	1322 SE 1ST AVE	UC	2	
ERICKSEN ARTHUR C	626 NW 10TH AVE	UC	2	
ERICKSON AUDREY O	203R FLAVET 3	UC	2	
ERICKSON MELVILLE A	24 UNIV MANOR	UC	2	
ERICKSON WALTER THOS	203R FLAVET 3	LW	1	
ERIKSEN PATRICIA L	240S MAIN ST	UC	2	
ERIKSEN WARREN T	240 S MAIN ST	GR	5	
ERVIN GERALD L	936 NW 30TH AVE	UC	1	7104
ERWIN AMELIA E	COMMUTES OTTER CREEK	GR	5	
ERWIN LOUIS T	12 DORM C GEN DEL U	UC	2	8191
ESCHBACH PHILIP INNES	63 FLAVET 1	GR	5	
ESCHENBACH ARTHUR E	728 NW 16TH AVE	GR	5	
ESCOBAR ALVARO	GEN DEL U STA	UC	2	
ESCOBAR RICARDO N	333 MU GEN DEL	GR	5	
ESKIN INA	1104 SW 1ST AVE	UC	2	9540
ESPANA FERNANDO A	196 BU BX 2114	UC	2	
ESPOSITO NICHOLAS	432 MU GEN DEL U STAPH	PH	4	
ESTABROOK JACK TRIPP	PIKA HSE	UC	2	9037
ESTERS VIOLA EVELYN	48 MA	UC	1	
ESTEY WAYNE HUGHES	ATO HSE	UC	2	
ESTRIDGE LOIS VOIGHT	COMMUTES CALLAHAN	ED	6	
ETHERINGTON DAVID P	1301 NW 2ND AVE	UC	2	
ETTEDGUI MARCOS O	2818 NW 7TH ST	UC	2	8146
EUBANKS DOYLE RAY	949 WE	UC	1	
EVANS ARJA HARRISON	313 NE 10TH ST	PH	4	3396
EVANS BILLY RAY	404 MU BX 3008	UC	2	
EVANS HARRY LEO	1238 NW 11TH AVE	GR	5	

EVANS HUGH ALBERT	MRS LITTLE GANDY	ED	4	
EVANS JAMES HERSCHEL	12 ARCHER RD GEN DEL	GR	5	
EVANS JIMMIE R	312 NO E 1ST AVE	UC	2	7807
EVANS JOHN WAYNE	33 BU GEN DEL U STA	UC	2	
EVANS JOSEPH RITCHEY	SAE HSE	EG	3	4513
EVANS LAWRENCE B	ATO HSE	AR	3	
EVANS ROBERT ALVA	218 N W 3RD AVE	UC	2	
EVANS ROY GARLAND	PKT HSE	UC	2	8623
EVANS ROY WESLEY	10M DORM	UC	1	
EVANS THOMAS CRAWFORD	445 MU GEN DEL U STA	UC	2	
EVANS THOMAS PELHAM	1419 NW 2ND AVE	LW	2	
EVANS WESLEY DAWSON	793 NO	UC	1	
EVANS WILLIAM FRANK	329 FR ATO HSE	UC	2	
EVANS WILLIS EDGAR	1644 W UNIV	UC	2	
EVATT BOBBYE WOOD	COMMUTES WILDWOOD	ED	4	
EVERETT AREN W	1735 NW 2ND AVE	GR	5	3380
EVERETT BRITT S	1735 NW 2ND AVE	UC	2	3380
EVERETT GORDON DALE	104 NW 7TH TERR	UC	2	3606
EVERETT HELEN C	COMMUTES MELROSE	ED	6	
EVERETT JOE SHERMAN	360 MU GEN DEL U STA	UC	2	
EVERETTE EDMUND B	115 NW 15TH ST	UC	2	
EVERITT KATHLEEN	1111 NW 1ST PL	AS	3	
EVERSON GEORGE B JR	PIKP HSE	JM	4	2107
EVERY ROLLO M	BTPI HSE	BA	4	
EWART PETER MATTHEW	BX 2321	AR	3	
EYESTONE RICHARD E	316 FR BX 2685	UC	2	
EYFELLS JOHANN K		AR	3	
EYMAN DAVID HENRY	233A FLAVET 3	AG	4	
EYMAN JOY SATTERWHITE	238A FLAVET 3	GR	5	

F

FABIANO GREGORY WM	CRANE HALL	EG	3	
FAGAN A RUDY	705 NE 7TH AVE	AS	3	
FAHMY IBRAHIM	1123 NW 3RD AVE	GR	5	4283
FAILE JOHN BROWNING	DTD HSE	AR	4	
FAILE SALLY MCCONNELL	14NE 6TH AVE	AS	3	
FAIN N FRANCIS JR	4 DORM S GEN DEL U S	UC	2	
FAIRCLOTH ROBERT C	109 NE 10TH ST	UC	2	4067
FAIRFIELD JANET L	AOPI HSE	AR	4	
FAIRMAN ROBERT L	GEO SEAGLE HALL	UC	2	
FALCONER NORMAN ARTH	453 MU BX 3102	BA	4	
FALKNER JAMES RALPH	GEN DEL U STA	UC	2	
FALLON JOHN JEROME		UC	2	
FALLSTROM ELEANOR L	RI	UC	1	
FALSONE JOSEPH A	361 MU BX 3072	EG	4	
FALTA BETTY JANE	165 YU	UC	1	
FALZONE PETER ANGELO	227 SW 1ST ST	BA	4	
FAMBROUGH JOHN WARREN	126 SD SPE HSE	EG	3	
FANT RICHARDS NOEL	5 DORM O	UC	2	
FARNELL JOS CROCKETT	COMMUTES TAMPA	GR	5	
FARNELL DONALD MASON	1243 1ST AVE	UC	2	
FARR E MIRIAM FRYE	1220 NW 18TH AVE	GR	5	7222
FARR EARL DRAYTON JR	227S FLAVET 3	LW	3	
FARR FRANK BURDICK	COMMUTES JOHNSONL	GR	5	
FARR MARGERY ANNE	ADPI HSE	AS	4	
FARR PAULA BLACKWELL	FLAVET 3 APT 227S	UC	2	
FARRANT VERNON C	53 TH GEN DEL U STA	BA	3	
FARRELL JOSEPH G F	711 TO	UC	1	
FARRELL NORMA NANCY	84 GR GEN DEL U S	UC	2	
FARRIOR J REX	KA HSE	LW	3	8883
FARRIS RAYMOND S	251 FR BX 2072	AS	3	
FASSA ALFRED JOSEPH	1116 SW 2ND AVE	UC	2	
FAST MARION THOMAS	GEO SEAGLE HALL	AG	4	8913
FAUCETT CALVIN J	1414 NW 1ST AVE	LW	2	
FAULKNER DANA LUCKETT	754 NO GEN DEL U STA	UC	2	
FAULKNER JANE FIELDS	259 RI	UC	2	
FAULKNER JOHN W	COMMUTES LIVE OAK	GR	5	
FAULKNER ROBERT DAVIS	1920 UNIV AVE	UC	2	
FAULKNHAM ELON DONALD	STENGEL FLD BX 2815	UC	2	
FAUSSET WAYNE EDWIN	891 W MASONIC	EG	3	
FAUSTINI JOHN	412 SE 2ND ST	GR	5	

FAWCETT EDWARD S	674 TO	UC	1		
FAY LAWRENCE DEWEY	204S FLAVET 3	LW	2		
FAY LUCILLE LONG	116 NE 3RD ST	UC	2	3095	
FEAGAN WALLACE OLIVER	17 DORM A BX 2622	UC	2		
FEARS HENRY COPELAND	14 DORM O GEN DEL U	UC	2		
FEASTER JACOB LYNN JR	2DORM C	ED	3		
FEASTER JAMES MARION	GEN DEL U STA 2 DORM	UC	2		
FEASTER LAWRANCE R	COMMUTES MICANOPY	UC	1		
FEDI FRANK PHILIP	2108 NW 12TH ST	UC	1		
FEE EDWARD HAMILTON	SN HSE	BA	3		
FEENEY LUKE JAMES	307 NW 14TH ST	UC	2		
FEHON JACK HAROLD	214 NW 14TH ST	GR	5	6558	
FEIERBACHER JAMES	RT 3 BX 286	UC	2	8119	
FEILES ESTHER JEAN	201 RI	UC	1		
FEIN ARTHUR LEONARD	TEP HSE BX 551	UC	2		
FEINGOLD LAWRENCE E	BX 2551 377 MU	UC	2		
FELDMAN ELI LOUIS	NW 12TH ST ZBT HSE	UC	2		
FELDMAN GLORIA	124 YU	UC	1		
FELDMAN IRVING ROGER	6 DORM A BX 2656	LW	1		
FELDMAN SANDER	315 FR PILP HSE	UC	2		
FELICIONE SALVATORE	299 FR BX 2721	EG	4		
FELLNER ALPHONSE EDW	1738 W UNIV AVE	UC	2		
FENDICK ROBERT	WE GEN DEL	UC	1		
FENIAS CAROLE JOY	140 YU	UC	1	9266	
FENLON PAUL EDWARD	COMMUTES WINTER PK	GR	5		
FENSTER MONTE	311 NW 7TH TER	AR	4		
FENTON EDWIN CECIL	200 SE 7TH ST	GR	5		
FERGUSON HARRY LEE	UNIV P O	UC	2		
FERGUSON JULIA TRACY	1106 SW 2ND AVE	UC	2	3220	
FERGUSON KENNETH G S	PIKA HSE	UC	2		
FERGUSON LARRY B	13 DORM M GEN DEL U	UC	2		
FERGUSON MARTHA ESTER	224 ANNIS BLVD	UC	2		
FERGUSON MONA	RT 5 224 ANNIS BLVD	EG	4		
FERGUSON ROBERT C	227T FLAVET 3	PH	4		
FERGUSON VERNON R	COMMUTES STARKE	GR	5		
FERGUSON WM FRANKLIN	224C FLAVET 3	JM	4		
FERGUSON WM HOMER	67 TH GEN DEL UNIV	SAG	3		
FERNANDEZ ARRASTIA R	907 SO GEN DEL U STA	UC	1		
FERNANDEZ FRANK	689 TO	UC	1		
FERNANDEZ FRANK W	TH 54A	AS	3		
FERNANDEZ HERMINIO	155 SO GEN DEL U STA	UC	2		
FERNANDEZ JACK EUGENE	88A TH BX 2566	AS	4		
FERNANDEZ JAMES H	237 FR GEN DEL U STA	EG	4		
FERNANDEZ MANUEL A	PIKP HSE	AS	3		
FERREE JOAN RUTH	RI	UC	2		
FERRERI FRANK S	783 NO	UC	1		
FETHERSTON CHARLES E	GEN DEL	ED	3		
FETNER EUGENE MACELEE	364 MU BX 3004	EG	4		
FETTY LESTER EUGENE	238R FLAVET 3	BA	4		
FETZER ARLINE GRACE	1111 NW 1ST PL	ED	3		
FEURT SELDON DICK	RT 2 BX 184	GR	5		
FICARROTTA FRANK R JR	209C FLAVET 3	AS	4		
FICARROTTA NICK	368 MU BX 2694	BA	4		
FICHTER ETHEL J	22 MA	UC	1		
FICKEY ALICIA MEACHAN	COMMUTES ST CLOUD	GR	5		
FIELD BURTON M	PKT HSE	AR	3		
FIELD EDWARD HARPER	221 SW 13TH ST	UC	2		
FIELDEN HARRY L JR	101 FLAVET 2	LW	1	5155	
FIELDER PHIL GENE	1A DORM N GEN DEL U	UC	2		
FIELDING BENNIE T	COMMUTES BALDWIN	ED	3		
FIELDING EDWARD N	ATO HSE	UC	2		
FIELDING RALPH H	HIBISCUS PARK	UC	2	3154	
FIELDING ROBERT CRANE	2124 NW 7TH PL	GR	5		
FIELDS ALAN BOYD JR	CRANE HALL	UC	2		
FIELDS HERBERT RUSSEL	1042 WE	UC	1		
FIELDS RICHARD GERALD	MU BX 3013	UC	1		
FIELDS ROBERT EUGENE	PKT HSE	UC	1		
FIGUR GEORGE LEONARD	12 DORM B GEN DEL U	PH	3		
FILBER LUCY MARILYN	199 RI	UC	1		
FILER RICHARD MACLEAN	874 SO	UC	1		
FILLER CHARLES LEE	961 WE	UC	1		
FILLINGIM DENNIS GALE	14 DORM I GEN DEL U	ED	3		
FINCH BERT FAULK JR	GEN DEL U STA 50 TH	BA	3		
FINCH RONALD M JR	813 NO	UC	1		
FINDLEY GEO BERNARD	741 S W 2ND AVE	GR	5		

FINE ARTHUR	864 SO	UC	2	
FINE SHALLE STEPHEN	969 WE	UC	1	
FINIGAN WM HAMMOND	PARIDISE TR PK	PH	4	
FINK CATHERINE D	COMMUTES TAMPA	GR	5	
FINK JEROME DAVID	1102 NW 3RD AVE	UC	2	
FINKELSTEIN HERBERT A	625 TO	UC	1	
FINKLEA WM RAY	704 TO	UC	1	
FINLAYSON JAMES H	DORM L GEN DEL U STA	UC	1	
FINLEY MIRIAM G L	COMMUTES JAX	GR	5	
FINNER SIMONE EDITH	84 MA	UC	1	
FINNERAN GERTRUDE E	1101 NW 24TH AVE	UC	1	8648
FINNERAN THOMAS CHAS	1101 N 24TH ST	UC	2	8648
FISACKERLY HESTER G	COMMUTES ST AUGUSTIN	GR	5	
FISCHBECK ROY SIEBERT	100 FLAVET 1	LW	1	
FISCHER GEORGE EDWARD	482 MU	UC	1	
FISHBACK ELOISE	20 MICHAEL	ED	3	
FISHBACK MARTIN P JR	205A FLAVET 3	AR	4	
FISHBACK MARY JO	20 MICHAEL	AS	4	
FISHBAUGH JACQUELYN E	GR	AR	3	
FISHER AUGUSTUS A JR	CRANE HALLO	LW	1	
FISHER BETTIE J	1823 NW 5TH AVE	UC	2	5825
FISHER CARL FREDERICK	COUNTY RANGER	UC	1	5808
FISHER JAMES RAWSON	255 FR GEN DEL U STA	ED	3	
FISHER LELAND ALFRED	COMMUTES WILLISTON	AR	3	
FISHER LOUIS LACY	COMMUTES	GR	5	
FISHER THEODORE	1031 WE GEN DEL U ST	UC	1	
FISHMAN ROBERT		UC	1	
FISLER DAVID MCARTHUR	612 NW 10TH AVE	UC	2	
FITCH DONALD B	1504 W UNIV	EG	4	
FITLER FREDERICK C JR	PARADISE TR PK	LW	2	
FITZGERALD JAMES	958 TH PIKP HSE	AS	3	
FITZGERALD JAMES E	WE GEN DEL	UC	1	
FITZGERALD THOMAS M	PIKP HSE	UC	2	9107
FITZGIBBON THOMAS L	311 NW 15TH TERR SAE	UC	2	
FIVEASH RAMON ALTON	1 DORM N GEN DEL U SU	C	2	
FLAGG NORMAN BYRON	919 NW 6TH ST	GR	5	3248
FLAMMER KARL F	18 DORM O GEN DEL U	UC	2	
FLANAGAN ARTHUR A	1022 NW 4TH AVE	UC	2	5068
FLANDERS CLAUDE DYSON	23 DORM N GEN DEL U	UC	2	
FLANDERS MARGARET E	GR GEN DEL U STA	AG	4	
FLANIGAN FRANK M	MR 2SW 13TH KIRKWOOD	GR	5	5136
FLAUMAN ARTHUR I	PILP HSE	LW	1	
FLECK ANNA LYDIA MAYS	COMMUTES TAMPA	GR	5	
FLECK RICHARD JESTER	401 MU GEN DEL U STA	AS	3	
FLEECE JOSEPH W JR	ATO HSE	UC	2	
FLEEGER DARRELL F	1A DORM M	UC	1	
FLEET BETTE ANN	1104 SW 1ST AVE	UC	2	9540
FLEET MARILYN HELEN	1217 SW 4TH AVE	UC	2	
FLEISCHMAN CARL LARRY	GEN DEL U STA	PE	3	
FLEISCHMAN JOSEPH S	625 TO	UC	1	
FLEITAS FRANK JOSEPH	961 WE GEN DEL U STA	UC	1	
FLEMING BILL ALEX	DTD HSE	AS	3	8083
FLEMING EDWARD W	397 MU BX 3092	UC	2	
FLEMING HUGH OWEN	973 WE GEN DEL	UC	1	
FLEMING JAY S	805 NW 13TH ST	UC	2	
FLEMING JOHN GREGORY	3 DORM O GEN DEL U SU	C	2	
FLEMING MAURICE E	RT 1 OCALA	UC	2	
FLEMING THOMAS NELSON	3 DORM O GEN DEL U SU	C	2	
FLETCHER ANNE LOUISE	DDD HSE	UC	2	8603
FLETCHER CHARLES T	884 SO	UC	1	
FLETCHER DALE T	820 HOOPER AVE	UC	2	4408
FLETCHER GEORGE EDW	COMMUTES NEWBERRY	UC	2	3304
FLETCHER JAMES G	2032 NW 3RD AVE	UC	2	
FLETCHER LEHMAN B	809 NO	UC	1	
FLETCHER RICHARD W		UC	1	3304
FLETCHER WILLIS M	GEN DEL U STA	UC	2	
FLINTA WM ERIC	938 SO	UC	1	
FLOOD LILLIAN C HILL	COMMUTES JAX	ED	3	
FLOTTMAN ARTHUR H	BX 32 RT 4	UC	2	
FLOWERS ALBERT MARION	CLO HSE	UC	1	
FLOWERS DONALD SKENE	241R FLAVET 3	UC	2	
FLOWERS EDMAY V	1017 SW 7TH AVE	GR	5	
FLOWERS BOB JAMES	MU SC HSE	UC	2	
FLOYD BEN HARRELL	COMMUTES ANTHONY	GR	5	
FLOYD FRED MITCHEL	870 SO	UC	1	

FLOYD WM PERSON		LW	2	
FOEHRENBACH EDWARD	1602 NW 6TH ST	PH	3	5401
FOGG JAMES JOHNSTON	BX 2389 414 MU	UC	2	
FOGLE ORIN GOOD	278 FR BX 2183	AS	4	
FOHL RUTH KATHLEEN	COMMUTES	GR	5	
FOKES JAMES CHASTAIN	1116 SW 2ND AVE	GR	5	
FOLAND MICHAEL EDGAR	COMMUTES BALDWIN	GR	5	
FOLEY DAVID WASH	COMMUTES WALDO	UC	2	
FOLGER GORDON M JR	194 SD DC HSE	AS	3	
FOLK DOROTHY LEE	88 MA	UC	1	
FOLKS JAMES JACKSON	RFD 5 BX 25A1	UC	2	8182
FOLSOM EDWIN ARTHUR	386 MU GEN DEL U STA	UC	2	
FOOR WILLIAM	TEP HSE BX 551	LW	1	8863
FOOTE MARY LUCETTA	517 SW 10TH ST	AS	3	5727
FOOTER SAMUEL J JR	21 SE 6TH ST	UC	2	
FORBES CHARLES H JR	1222 W UNIV	AS	3	
FORBES EVANGELINE L	42 MA	UC	1	
FORBES ROBERT GRABLE	ATO HSE	BA	3	
FORBES SHIRLEY ANNE	1222 W UNIV	UC	1	
FORBES SYLVIA SLONE	1222 W UNIV	UC	2	
FORD ALLEN AUBREY	46A BU GEN DEL U STA	UC	2	
FORD DONALD KENNETH	210 FR GEN DEL U STA	BA	4	
FORD JOHN HUFF	12 DORM L BX 2511	GR	5	
FORD ROBERT HENRY	1019 SW 7TH AVE	AS	3	
FORD ROBERT WILLIAM	93 TH BX 2447	UC	2	
FORE FRANK JAMES JR	685 TO	UC	1	
FOREMAN EDWIN ALFRED	ARCHER RD BX 627	BA	4	3361
FOREMAN ELIZABETH K	ARCHER RD BX 627	LW	1	3361
FOREMAN MARY JANE	23 GROVE HALL	UC	2	
FORKEL ROBERT JOHN	FL282 BX 2409	UC	2	
FORLINES MARTHA MARIE	149 YU	UC	1	
FORMAN ALICE ANN	62 MA	UC	1	
FORTIN GEORGE EDWARD	1323 NW 6TH AVE	GR	5	
FORTNER GEORGE SIDNEY	234 FR GEN DEL U STA	UC	2	
FORTNER RAY D	COMMUTES LAKE CITY	GR	5	
FORTNER WM RAYMOND	LCA HSE	UC	2	
FORTSON THOMAS M	351 MU GEN DEL U STA	AG	4	
FORTUNE ANNA HEALD	PARADISE TR PK RT 3	ED	3	
FOSCUE KENNETH FOY	1234 NW 14TH AVE	AS	6	
FOSTER DAVID L	951 WE	UC	1	
FOSTER FRED D	410 NW 20TH ST	GR	5	5169
FOSTER HELEN K	504 NE 9TH AVE	UC	2	3886
FOSTER JACK WILSON	RT 3 BX 284NX 1	EG	3	
FOSTER JAMES B JR	128 SD GEN DEL U STA	UC	2	
FOSTER JAMES G JR	SAE HSE	AR	3	
FOSTER JOHN THOMAS	1223 NW 4TH PL	GR	5	
FOSTER RAY DEVAN	244T FAVET 3	UC	2	
FOULIS PETER BLAIR	1123 NW 3RD AVE	UC	2	5778
FOUNTAIN AUGUSTUS W	GEN DEL U STA	GR	5	
FOUNTAIN DAVID GASTON	1734 NW 1ST ST	UC	2	
FOUNTAIN JOHN ED	763 NO	UT	1	
FOUNTAIN RALPH W JR	402 NW 18TH ST	GR	5	
FOURAKER HERBERT C	NO GEN DEL U STA	UC	1	
FOUTCH DOROTHY LEWIS	GR	UC	2	
FOUTS THOMAS STEPHEN	228 FR KA HSE	UC	2	
FOWLER HARLAND W JR	PIKA HSE	UC	2	
FOWLER HARMON ROAN	RT 2 BX 75A	UC	2	3410
FOWLER SEEBER TROY	FR GEN DEL U STA	UC	2	
FOWLER TALBERT BASS	1025 NE 3RD AVE	AS	4	
FOX DONALD HARVEY	106 TH GEN DEL U STA	BA	3	
FOX GEORGE III	1625 NW 3RD AVE	UC	1	
FOX HENRY JAY	190 SD PDT HSE	UC	2	
FOX LOIS ANN	121 GR GEN DEL U STA	AS	3	
FOX MORRELL	12 DORM B GEN DEL U	UC	2	
FRADY BURNIS EARL	761 NO	UC	1	
FRADY MARTIN LEO	15 A BU GEN DEL U STU	C	2	
FRAHM CHARLES FRED	290 FR 18 NW 17TH STU	C	2	
FRALICK CLAUDE	COMMUTES LAKE BUTLER	GR	5	
FRANA LOUIS JEROME	SPEECH DEPT	GR	5	
FRANCE JAMES ARTHUR	104 TH BX 2415	UC	2	
FRANCESCON ERNEST L	147 SD BX 2572	EG	4	
FRANCIS JOHN PATRICK	LYRIC THEATRE GEN DE	UC	2	
FRANCISCO COSTA	235 FR BX 2902	EG	4	
FRANCISCO JAMES EDW	IDEAL TR PARK GEN DE	ED	4	
FRANCISCO JOHN	208 NW 14TH ST SC HSU	C	2	

FRANK EDWIN ABBOTT	618 TO	UC	1	
FRANK JOAN RITA	121 YU	UC	1	
FRANK ROSALYN	60 GR	UC	2	
FRANKE MILTON EUGENE	UTD HSE	EG	3	8083
FRANKLIN JAMES D	PDT HSE	AG	3	
FRANKLIN JAMES INGRAM	110 TH GEN DEL U STA	UC	2	
FRANKLIN RUTH ELLEN	254 REID	UC	2	
FRANKLIN WM ERNEST JR	COMMUTES OCALA	UC	2	
FRANKLYN GEORGIA	139 YU	UC	1	
FRANKOVIC WILLIAM J	12D FLAVET 1	EG	4	
FRANKS BARBARA JANE	1006 N E 9TH AVE	UC	2	
FRASE RICHARD JAMES	GEN DEL U STA	UC	2	
FRASER GEO COGDELL	1126 SW 2ND AVE	AS	3	
FRASER NORMA LOUISE	82 MA	UC	1	
FRASER YVONNE LEE	1106 SW 4TH AVE	UC	2	
FRAUSTRO BONIFACIO	616 NW 13TH ST	EG	3	
FRAZEE MARY ELONIA	COMMUTES BROOKSVILLE	GR	5	
FRAZER CAROLYN D	614 NE 5TH AVE	AG	4	7946
FRAZER MARY W	203 NW 20TH TERR	GR	5	
FRAZIER JAMES M JR	COMMUTES OKEECHOBEE	GR	5	
FRAZIER KATHERINE S	225 SE 2ND ST	BA	4	3137
FRAZIER LYALL LEROY	713 NW 11TH AVE	AS	3	
FRAZIER WILLIAM J JR	229B FLAVET 3	UC	2	
FREDERICK DONALD JOS	TEP HSE	UC	2	
FREED ABRAHAM B	TEP HSE BX 551	UC	2	
FREED DAN JACK	306 NW 16TH ST	UC	2	
FREED SANFORD	TEP HSE BX 551	LW	1	8863
FREELAND WM BARTLEY	402 MU GEN DEL U STA	UC	2	
FREEMAN ALLAN R	PARADISE TR CT	UC	2	
FREEMAN DAVID WILLIAM	NWW15TH TERR	EG	3	
FREEMAN ELIZABETH M	COMMUTES JAX	GR	5	
FREEMAN ELMER C	1105 NW 3RD AVE	EG	4	7305
FREEMAN GEORGE R	1022 NW 22ND AVE	GR	5	
FREEMAN JOSEPH VERNON	51 TH GEN DEL U STA	BA	4	
FREEMAN MARY JOANN	1106 SW 4TH AVE	UC	2	8733
FREEMAN RAYMOND S	GA SEAGLE	EG	3	
FREEMAN ROBERT M	741 SW 2ND AVE	UC	2	5425
FREEMAN RODNEY W	297 FR GEN DEL U STA	UC	2	
FREEMAN VAUGHN A	KA HSE	BA	4	8883
FREES CHARLOTTE P	COMMUTES STARKE	UC	1	
FREIDLIN GERTRUDE	COMMUTES JAX	GR	5	
FRENCH A LEE JR	305 NE 3RD AVE	GR	5	
FRENCH CHARLES D	1225 NE 5TH TER	EG	4	6132
FRENCH JAMES ELTON	MU ATHLETIC DEPT	UC	2	
FRENCH KATHERINE FARR	COMMUTES ST CLOUD	ED	4	
FRESE JOAN RUTH	176 YU	UC	1	
FRENSHAW EDNA JULIA	COMMUTES WILDWOOD	GR	5	
FREUND RAE	29 MA	UC	1	
FREUNDLICH MARCUS	251D FLAVET 3	UC	2	
FREY RICHARD ANTHONY	223 FR BX 2434	AS	4	
FREY ROBERT THOMAS	13 DORM C BX 3083	UC	2	9181
FREYBURGER STEWART W	125 N W 10TH ST	GR	5	
FRICKE COLETTE CELIA	142 GR GEN DEL	AS	3	
FRICKS ROBERT OLIN	1025 BOWERS	AS	4	4719
FRIDY RICHARD S	1419 NW 1ST AVE	GR	5	
FRIDY THOMAS AUGUSTUS	1628 W UNIV	GR	5	
FRIEDKIN BERNARD	348 MU PILP HSE	BA	4	
FRIEDLANDER EDWIN M	PILP HSE	AG	3	
FRIEDMAN ALAN STANLEY	800 N	UC	1	
FRIEDMAN ALVIN LEROY	337 MU PILP HS	UC	2	
FRIEDMAN JAMES RONALD	737 NE 8TH AVE	UC	2	
FRIEDMAN MARTIN MARK	GEN DEL U STA	AS	4	
FRIEDMAN ROBT JOSEPH	1102 NW 3RD AVE	AS	3	
FRIEDMAN RONALD DAVID	TEP HSE BX 551	BA	3	
FRIEDMAN RUTH LOIS	21 MA	UC	1	
FRIEDMAN STANTON L	ZBT HSE	UC	1	
FRIEDMAN WM MYRON	ZBT HSE	AR	3	
FRIEND ELIZABETH C	COMMUTES JAX	ED	6	
FRIEND SIDNEY GID	COMMUTES JAX	GR	5	
FRIER MALORY B	SCHI HSE	LW	3	
FRIERSON EDWARD PERCY	227 WASHINGTON ST	AG	3	
FRINK GEORGE DAME	333 MU GEN DEL U STA	UC	2	
FRISHMAN NEWTON	18F FLAVET 1	GR	5	
FRISHMAN SHIRLEY P	18F FLAVET 1	UC	1	
FRITZ KENNETH LEROY	800 FLA COURT	UC	2	

FROMUTH AUGUST G	1105 NW 6TH ST	BA	6	
FROSCHER JAMES L	1202 SW 1ST AVE	AS	4	
FROSCHER NORMAN T	810 NO	UC	2	
FROST LOUIS O JR	KA HSE	UC	2	
FROST MARCUS ROBERT	379 MU BX 2681	UC	2	
FRUCCI JOSEPH JACOB	37 BU GEN DEL U STA	PH	4	
FRUMKES MELVYN B	PILP HSE	LW	1	
FRY CHARLES ELMER	KA HSE 423 MU	UC	2	
FRY FIELDING LEWIS	COMMUTES MELROSE	UC	2	
FRY ROSEMARY ANN	144 YU	UC	1	
FRYE ALAN ROBERT	46N FLAVET 1	LW	2	
FRYE ALLEN DEANE	COMMUTES MICANOPY	AR	4	
FUENTES ERNESTO F	261 FR BX 2308	UC	2	
FUERST WILLIAM HENRY	70A TH	BA	3	
FUGATE TERRY M	93 TH SN HSE	UC	2	
FUGE HERB DONALD	311 NW 1ST ST	UC	2	
FUGUITT GLENN VICTOR	SC HSE	GR	5	
FULLER MARY ANN	71 MA	UC	1	
FULMER JUDSON TODD	84 TH BX 3038	UC	2	
FULMER ROY GRANVILLE	919 SO	UC	1	
FULTON BENJAMIN D	890 SO	UC	1	
FULTZ CHARLES GEORGE	926 W UNIV	ED	3	
FULTZ THOMAS OSCAR JR	GEN DEL U STA	UC	2	4836
FUNDERBURK NELL	105 NE 4TH ST	ED	3	8558
FUNDERBURKE GEO L	269 FR GEN DEL	UC	2	
FUNK GERALDINE ELAINE	GROVE HALL BX 2348	AS	3	
FUNK ROBERT EUGENE	RT 3 BX 968	UC	2	
FUQUA BERTIE H	COMMUTES HILLIARD	ED	6	
FUQUAY ROBERT FRANK	818 SE 1ST AVE	GR	5	
FURMAN JACK ALLAN	TEP HSE	UC	1	
FURR WM DAVID	COMMUTES OCALA	UC	2	
FUTCH ALFRED EARL	COMMUTES STARKE	UC	2	
FUTCH OVID LEON	2558 FLAVET 3	AS	4	
FUTCH VIRGINIA FAY	209 RI	UC	1	
FYVOLENT DAVID B	PILP HSE	BA	4	

G

GABEL ADRIANA M	183 YU	UC	1	
GABY DONALD CHARLES	PKT HSE	UC	2	
GABY LOUIS IGNACIO	PKT HSE	FY	4	
GABY MARGARET	1517 NW 2ND PL	AR	4	9055
GACHES ALICE FRANCES	1 GR	UC	2	
GADARIAN ARDZVIG V	GEN DEL	LW	1	
GADARIAN VAHAK	GEN DEL	GR	5	
GADDUM JOSEPH GLENN	RT 5	GR	5	3737
GAFFNEY MARVIN THOMAS	212 SE 1ST AVE	GR	5	5209
GAGNE JANE ELIZABETH	46 GR GEN DEL U STA	UC	2	9145
GAINES CHARLES C	312 SE 8TH ST	UC	2	7030
GAINES FRANCIS B	988 WE	UC	1	
GAINES FREDRICK JACK	TC HSE	PE	4	
GAINES HARRY THEO	380 MU GEN DEL U STA	UC	2	
GAINES JUANITA	225 RI	UC	2	
GAINES THOMAS RONALD	GEN DEL U STA	UC	2	
GAITANIS LOUIS A	RT 5	GR	5	3314
GALBREATH WILLARD C	310 FR PIKP HSE	UC	2	
GALE JOSEPH PETER	DORM I	UC	1	
GALINDO OSILIO JOSEPH	89 TH GEN DEL U STA	UC	2	
GALLAGHER JOAN P	136 YU	UC	1	
GALLAGHER JOHN M	PDT HSE	UC	2	
GALLAGHER WALTER JOS	217 FR GEN DEL	UC	2	
GALLAHER WM MCELROY	49 TH GEN DEL U STA	UC	2	
GALLO HENRY DARIO	374 MU BX 2032	UC	2	
GALLO THEODORE	237 MU GEN DEL U STA	AG	3	
GALLOWAY BRUCE V	200 NE 8TH ST	UC	2	
GALLOWAY BUFORD HENRY	COMMUTES FT WHITE	GR	5	
GALLOWAY HARRY EDWARD	742 TO	UC	1	
GALLOWAY MELVA CROSBY	COMMUTES JAX	GR	5	
GALNARES LUIS F	172 SD BX 2142	UC	2	
GALVIN EDWIN TYRRELL	818 TH GEN DEL U STA	UC	2	
GAMBER STUART DUANE	1424 NW 6TH ST BX 19	AS	3	3795
GAMBRELL JOHN CARROLL	237 FR GEN DEL U STA	UC	2	

GAMMAGE ALBERT W JR	760 NORTH HALL DTD HAS	4		
GANDY JOHN DAVID	5 DORM C BX 3046	UC	2	9181
GANEY ISAAC	SN HSE	UC	2	
GANS SHELDON P	TEP HSE BX 551	UC	2	8863
GARCIA JOE JR	236 FR GEN DEL U STA	GR	5	
GARCIA LEOPOLDO	2818 N 7TH ST	UC	2	8146
GARCIA LOUIS	101A TH GEN DEL U ST	UC	2	
GARCIA MANUEL JR	50A TH	UC	2	
GARCIA NOEL	868 SO	UC	1	
GARCIA PHILIP E JR	7 DORM I GEN DEL U S	UC	2	
GARCIA RAYMOND	55A TH GEN DEL	UC	2	
GARCIA ROBERT C	RISENS TR PARK	AS	6	
GARD FREDERICK V	COMMUTES WEIRSDALE	AR	4	
GARDINER JOHN HOUSTON	SPE HSE	BA	4	
GARDINER MARY G	6 MICHAEL	UC	2	
GARDNER ARTHUR JAS JR	225SW 3RD ST	EG	4	
GARDNER BETTY JO	9 NE 9TH ST	UC	2	4402
GARDNER DOROTHY MYRA	1104 SW 1ST AVE	AS	3	9542
GARDNER FRANCIS R	24 DORM M GEN DEL U	UC	1	
GARDNER HENRY ROBERT	318 NE 2ND AVE	GR	5	
GARDNER MARSHALL	1 DORM O GEN DEL U S	UC	2	
GARDNER MARY NIVEN	175 YU	UC	1	
GARDNER NEIL HYDE	95 TH CP HSE	UC	2	
GARDNER WILLIAM E	BOPI HSE	UC	2	4131
GARHART CYRUS M	GEN DEL U STA	UC	2	
GARLAND JOHN B	HIBISCUS PK BX 2526	UC	2	4927
GARLAND LARETTA M	HIBISCUS PARK BX 252	ED	3	4927
GARNER FRANCIS BROWN	327 FR BX 2274	BA	4	
GARNER FREDDIE GEORGE	13 DORM L GEN DEL U	UC	1	
GARNER MARVIN HENRY	COMMUTES BROOKER	UC	1	
GARNER ROBBIE	COMMUTES JAX	GR	5	
GARNER TYRUS JAY	615 12TH ST	UC	1	
GARRARD GEO BOYCE	1531 NW 6TH AVE	UC	2	7075
GARRARD LEON ALEX	1763 NW 6TH AVE	UC	1	7075
GARRETT JEWEL R	1417 NW 7TH AVE	GR	5	7740
GARRETT MARGARET A	COMMUTES WHITE SPRING	GR	5	
GARRETT PAUL KENNETH	405 NW 10TH ST	AS	4	
GARRETT ROY CRARY	1107 NE 4TH ST	AS	4	
GARRETT WILEY CLENTON	COMMUTES WHITE SPRING	GR	5	
GARRETT WM D	LCA HSE	UC	2	
GARRICK WESLEY EUGENE	140 SD BX 2761	AG	3	
GARRIS EDWARD W JR	415 NE 10TH AVE	UC	2	5786
GARRISON RAYMOND NEIL	97B TH GEN DEL U STA	EG	3	
GARRISON WILMA B	COMMUTES INTERLACHEN	ED	3	
GARROTT LESLIE O	238 FR GEN DEL U STA	UC	2	
GARRY JOHN B	237 SW 4TH AVE	UC	2	
GARTNER EDWARD ALLAN	370 MU CHEM DEPT	AS	4	
GARVIN CLIFFORD JAMES	83V FLAVET 1	UC	2	
GARVIN JUDSON B	75 TH BX 2302	UC	2	
GARVIN ROBERT EDWARD	5 DORM I BXX2528	GR	5	
GARY JAMES HUBERT	218 ANNIS BLVD	GR	5	6779
GARZETTA FRANCIS X	726 TO	UC	2	
GASKIN DAVID CARL	235A FLAVET 3	BA	4	
GASKIN JAMES N	757 NO	UC	1	
GATES EDWARD WM	16 DORM O GEN DEL U	UC	2	
GATES JACK W	330A MU	AR	3	
GATHERCOLE GEORGE H	LAKE RD TR PK	UC	2	
GATLIN DOUGLAS STUART	SAE HSE	AR	4	4513
GATTIS REID WM	RT 2 KIRKWOOD	GR	5	8027
GATZ GLADYS LUNGER	715 NE 2ND ST	UC	2	3752
GATZ JOHN LEROY	715 NE 2ND ST	UC	2	3752
GAUSE RICHARD BAILLIE	826 NO	UC	1	
GAUSE ROBERT L	102 FLAVET 2	UC	2	
GAUTIER DAVID M JR	PKT HSE BX 3025	EG	4	8623
GAUTIER JOSEPH EVANS	GA SEAGLE	UC	1	
GAUTIER LAWRENCE P JR	GA SEAGLE HALL	PE	4	
GAVIGAN JOSEPH JAMES	LCA HSE	UC	2	8663
GAY IRWIN REID	MU SN HSE	BA	3	
GAY JAMES EDWIN	255S FLAVET 3	LW	3	
GAY JARRELL OTTIS	COMMUTES STARKE	BA	4	
GAY MURRAY FRANKLIN	117 SW 12TH ST	AG	3	
GAY REGINALD M	1434 NW 3RD AVE	UC	2	5432
GAY ROBERT BURNS	1613 NW 2ND AVE	AR	3	
GAY RONALD G	147 SD GEN DEL U STA	UC	2	
GAY VERTON EUGENE	COMMUTES OCALA	BA	3	

GAYDOS HENRY FRANK	1306 NW 10TH AVE	GR	5	6216
GAYLE FRANK GRANT	122 SD BX 2356	UC	2	
GEBROWSKY DAN	20 FR GEN DEL U STA	UC	2	
GECHTER ALBERT EMIL	MR 2 BALTIMORE DR	UC	2	
GECKLER JACK WILLIAM	849 SO	UC	1	
GEIER WILLIAM GEORGE	239 FR GEN DEL U STA	EG	4	
GEIGER AMOS PERRY	116 16TH ST	UC	2	6868
GEIGER CHARLES DONALD	COMMUTES LAKE BUTLER	GR	5	
GEIGER HARRY MERCHANT	SN HSE	BA	4	7353
GEIGER HARVEY A	244A FLAVET 3	EG	4	
GEIGER LEWYN EDWARD	648 TO	UC	1	
GEIGER PHILIP NEIL	SC HSE	LW	1	5553
GEIGER THELMA MCD	COMMUTES	UC	2	
GEIGER WYLIE H	1113 SW 1ST AVE	UC	2	
GEIGER ZANE HAMPTON	303 E UNIV	UC	2	
GEISSLER HARRY C	234 FR GEN DEL	LW	2	
GELLER FRANCINE	28 MA	UC	1	
GEMMER LOIS CAROL	228 REID HALL BX 22B	UC	2	
GENEAU JOHN PAUL	23 BU BX 2129	LW	2	
GENTRY LEWIS DAVIS	WALDO RD GEN DEL U SA	G	4	
GENTZEL GEORGE H	TC HSE	UC	2	
GEORGE DONALD A	213 ANNIS BLVD	AG	3	7209
GEORGE JAMES LAMAR	451 MU GEN DEL U STA	FY	3	
GEORGE LLOYD WADE	805 NW 13TH ST	UC	2	
GERAKIOS MIKE THOMAS	1209 1ST AVE SW	GR	5	
GERBER MARVIN	BX 2656 1204 W UNIV	UC	2	7693
GERLACH ERWIN LEON	300 SE 4TH PL	EG	3	
GERMAN MARGARET J	312 SE 8TH ST	UC	2	
GERSON JOAN SHEILA	1622 NW 3RD PL	UC	2	4735
GHIOTTO TOMMY ALVIN	PDT HSE	UC	2	3791
GIBBONS JIMMIE LEE	12 DORM A	BA	3	
GIBBS BETTY ADELE		UC	2	
GIBBS JAMES FREDERICK	1605 NW 7TH AVE	UC	2	5705
GIBBS TED AUSTIN	1605 NW 7TH AVE	UC	2	5705
GIBLIN JOHN FRANCIS	SN HSE	EG	3	
GIBSON AUZZIE T	8A DORM K BX 2589	UC	1	
GIBSON B ROY JR	306 NE 6TH ST	AS	3	
GIBSON BILLY JACKSON	1823 HERNANDO	UC	2	4250
GIBSON CHARLES ORR	243A FLAVET 3	PH	3	
GIBSON CHARMAINE Y	PM HSE BX 2722	AS	3	
GIBSON JAMES D	SN HSE	BA	4	
GIBSON JAMES DONALD	915 SW 6TH AVE	LW	2	
GIBSON JAMES LEE	1123 SW 1ST AVE	UC	2	
GIBSON JEANETTE K	235S FLAVET 3	UC	1	
GIBSON LAWRANCE H	COMMUTES STARKE	GR	5	
GIBSON LEE LAMAR	945 WE	UC	1	
GIBSON ROBT ELMO	235S FLAVET 3	UC	2	
GIBSON WILLARD A	50 TH BX 2723	BA	4	
GIBSON WILLIAM THOMAS	416 NW 13TH ST	UC	2	
GIDDENS DORIS MARIE	1326 N W 3RD AVE	ED	6	
GIDDENS EARLE A	149 SD PIKA HSE	BA	4	
GIDDENS SARAH A	COMMUTES TAMPA	GR	5	
GIEBEIG BETTY ANN	COMMUTES LAKE CITY	UC	2	
GIEBEIG PAUL S JR	COMMUTES LAKE CITY	GR	5	
GIFFORD HORACE HENRY	759 NO GEN DEL U STA	UC	1	
GIFFORD RICHARD L	110 SW 12TH ST	AG	3	
GIGLIO VINCENT E	956 WE	UC	1	
GILBART DONALD HUGHES	TKE HSE BX 2247	UC	2	
GILBERT EMMA LEWIS	206 NW 17TH ST	UC	2	
GILBERT GLORIA ANN	1112 SW 4TH ST	ED	4	
GILBERT JESSE DEE	206 NW 12TH ST	GR	5	
GILBERT JOHN M	1544 NW 4TH AVE	UC	2	
GILBERT LEROY RUNGE	822 FR BX 2753	UC	2	
GILBERT LESTER EDSON	1544 NW 4TH AVE	UC	2	
GILBERT LINUS R JR	130 SD GEN DEL U STA	EG	4	
GILBERT RITA S	1022 SW 1ST AVE	GR	5	6976
GILBERT ROBERT N JR	KA HSE	UC	2	
GILBRAITH KENNETH M	206B FLAVET 3	AG	3	
GILBREATH ROY EARL JR	246C FLAVET 3	EG	3	
GILES JACK WADSWORTH	363 MU GEN DEL U STA	UC	2	
GILHART JOHN ALLEN	973 WE	UC	1	
GILLESPIE JANE TAYLOR	SK HSE	UC	2	9863
GILLESPIE WILLIAM M	83B TH PIKP HSE	UC	2	
GILMAN ROBERT L	1120 NW 42ND AVE	GR	5	
GILMORE EILEEN MARY	13 MA	UC	1	

```
GILMORE JAMES MADISON1426 W UNIV AVE        UC 2
GILMORE ROBERT TAYLORGA SFAGLE HALL         UC 1
GILMORE WILLIAM C     SAE HSE               BA 4 4513
GILSEN STANLEY M      PILP HSE              PH 4
GILSTRAP RALPH M      MU GEN DEL UNIV S     BA 3
GIMBEL ALLAN GILBERT  150 FLAVET 2          LW 2
GINDY BENJAMIN LEE    425 MU 2050 W UNIV    AS 4
GINGRAS GEO JULIAN    117 SW 12TH ST        UC 2
GINN RAYMOND S        COMMUTES MACON GA     GR 5
GINOCCHIO STEPHEN J   SAE HSE               AR 3
GIOVINCO JOSEPH F     1 DORM N GEN DEL  U UC 2
GIRARD HOWARD J       930 TH GEN DEL U STAAS 3
GIRARDEAU JOHN OWEN   204C FLAVET 3         FY 4
GISH DAVID NICKOLAS   KS HSE                UC 2
GISSENDANER JOE C     SN HSE                UC 2 7353
GITLIN DENNIS ALAN    1105 UNIV AVE         UC 2
GIUDICE ROBERT ALVIN  724 NW 2ND AVE        LW 1
GLACY JOHANNA M       112 NW 16TH ST        AG 3
GLAGOLA MICHAEL       737 NE 8TH AVE        UC 2
GLASSCOCK VERNON C    625 E UNIV            UC 2 3085
GLASSER ROBERT L      TEP HSE               AR 4
GLATTLI MARGARET J    239 RI                UC 2
GLEASON RICHARD JOS   296 FR GEN DEL U STAUC 2
GLENN WOODROW W       COMMUTES MARIANNA     GR 5
GLENN RUTH NICKLES    COMMUTES JAXVILLE     ED 6
GLICK STANLEY M       1102 NW 4TH AVE       UC 2 5889
GLICKSBERG MANDELL    MU 336A PILP HSE      LW 3
GLICKSTEIN MARVIN R   956 WE                UC 1
GLIDEWELL CHAS F JR   438 MU BX 3076        FY 4
GLOVER MARJORIE JANE  143 YU                UC 1
GLOVER NAT GREENE     ATO HSE               UC 2
GLOVER WILTON F       BX 2683               UC 2
GLUCK MICHAEL         7 NW 10TH ST          EG 4
GODBEY HARVEY JACKSONSN HSE                 AG 3 7353
GODFREY JAMES WM      1327 NW 7TH AVE       UC 2
GODFREY THELMA GRAVESCOMMUTES YULEE         GR 5
GODKE DALE PAUL       168 SD GEN DEL        BA 3
GODWIN ARLO MARIE     2540 W UNIV           BA 4 8863
GODWIN BILL BROWN     497 DESOTO BX 2579    BA 4
GODWIN CHARRES WENDEL5 DORM I GEN DEL U SGR 5
GODWIN ERNEST B       210 NE 10TH AVE       UC 2 8501
GODWIN GRANT MURRAY   414 NW 14TH ST        AG 4
GODWIN HERMAN EDWIN   1734 NW 1ST AVE       UC 1
GODWIN JAMES H        416 W UNIV AVE        BA 3
GODWIN JOHN GLENN     194 SD GEN DEL U STAUC 2
GODWIN MARY ELIZABETH210 NE 10TH AVE        AS 3 8501
GODWIN MARY ELIZ      210 NW 10TH AVE       UC 1 8501
GOETHE EDWARD KEMEYS  1714 NW 3RD PL        UC 2 4926
GOETTE ROBERT LOUIS   627 SW 12TH ST        GR 5
GOFORTH MALCOM E      COMMUTES WHITE SPRGSGR 5
GOFORTH ROBBIE THELMACOMMUTES FT WHITE      GR 5
GOINS CLIFTON C       406 NE 1ST AVE        UC 2
GOLD MARTIN           52A TH                GR 5
GOLDBERG HAROLD L     102 N W 15TH ST       EG 4 9855
GOLDBERG MILTON H     1622 NW 3RD PLACE     BA 4 4735
GOLDEN FRANK CLAYTON  GEN DEL U STA         UC 1
GOLDEN LILA RUTH      5 MA                  UC 1
GOLDEN ROY HARVEY JR  255R FLAVET 3         PH 3
GOLDENBLANK MORTON    AEPI HSE              UC 2 5889
GOLDHAGEN PAUL WOLF   895 SO                UC 1
GOLDMAN CARL ENOCH    126 SD BX 2665        UC 2
GOLDMAN HAROLD JAMES  193 SD BX 2337        AR 3
GOLDMAN JEROME MARVIN786 NO                 UC 1
GOLDMAN JOEL LEWIS    369 MU BX 2031        BA 3
GOLDMAN SHERWIN       4 DORM B TEP HSE      UC 2
GOLDSBY JOHN RICHARD  373 MU GEN DEL U STAUC 2
GOLDSMITH NANCY       GR GEN DEL U STA      UC 2
GOLDSMITH WILLIAM N   162 SD GEN DEL        UC 2
GOLDSTEIN HARRY       MU GEN DEL U STA      BA 3
GOLDSTEIN JANE C      241 RI                UC 2
GOLDSTEIN PHYLIS      255 RI                UC 2
GOLDSTEIN STANLEY M   750 NO                UC 1
GOLLATTSCHECK JAMES F421 NW 13TH ST         GR 5
GOLLNICK TED EDWARD   1116 SW 2ND AVE       UC 2
GOLSON BARBARA ANN    1111 NW 1ST PL APT 4UC 2
```

GOMEZ PEDRO JOSE	396 MU BX 2118	UC	2	
GONZALEZ ANTHONY BILL	714 TO	UC	1	
GONZALEZ EDWARD JR	81 TH GEN DEL U STA	UC	2	
GONZALEZ EDWARD M	926 SO	UC	1	
GONZALEZ ESTHER MARIA	304 NW 15TH ST	UC	2	
GONZALEZ GLORIA LOIS	154 YU	UC	1	
GONZALEZ JOE VICTOR	177 SD BX 2471	UC	2	9155
GONZALEZ JOSE A JR	133 SD SC HSE	AS	3	
GONZALEZ JOSE ANTONIO	218B FLAVET 3	UC	2	
GONZALEZ JUAN O JR	256S FLAVET 3	GR	5	
GONZALEZ LOUIS	COMMUTES TAMPA	GR	5	
GONZALEZ LUCY HELEN	265 RI	UC	2	
GONZALEZ RAMON	SAE HSE	BA	4	5903
GONZALEZ ROBERT E	374 MU GEN DEL U STA	EG	3	
GONZALEZ ROLAND	231 FR BX 2529	BA	4	
GOOD LEWIS FREEMAN	103 NW 14TH ST	UC	1	
GOODBREAD VERONICA E	261 RI	UC	2	
GOODELL HAROLD F	GA SFAGLE GEN DEL U	AS	3	
GOODIN JACK ANDERSON	5 DORM R GEN DEL U	SUC	1	
GOODING CHAS THOMAS	DTD HSE	UC	2	8083
GOODLING DONALD LEVIS	516 MU PIKA HSE	EG	3	9037
GOODLING HOWARD P	2 DORM L GEN DEL U	SUC	1	
GOODMAN ROBERT ALVIN	1022 WE PD HSE	UC	1	
GOODMAN WILLIAM HILL	4 DORM S GEN DELU	STUC	1	
GOODPASTURE RAY L	WOODLAND PK GEN DEL	UC	1	
GOODPASTURE SYBIL M	WOODLAWN PARK	UC	1	
GOODRUM RICHARD W	20 NE 8TH ST	UC	2	
GOODSON ALLEN M	KA HSE	LW	1	8883
GOODSON CHARLES BARRY	PKT HSE	BA	4	
GOODSON WILLIAM B	724 SW 10TH ST	AS	3	7854
GOODWIN ROBERT EARL	6 DORM S GEN DEL	UC	1	
GOODWIN THOMAS RAYSOR	209R FLAVET 3	AG	3	
GOODWYN MOLLY SUE	312 NE 2ND AVE	UC	1	5780
GOOLSBY MAUREEN	315 SE 6TH ST	UC	2	4510
GORAB HERMAN	1728 NW 1ST AVE	UC	2	
GORCZYNSKI JOHN JOS	45 BU BX 2552	UC	2	
GORDON ALAN M	1017 WE	UC	1	
GORDON BERNICE R	1829 NW 2ND AVE	GR	5	
GORDON JAMES CALDWELL	768 NO	UC	1	
GORDON WM EDWARD	921 W UNIV BX 2142	UC	2	7557
GORE GENE H	512 MU	UC	2	
GORMAN GEORGE WILSON	PKT HSE	AG	4	
GORMAN JEROME DAVIS	1219 W UNIV	AS	3	8663
GORMICAN KATHLEEN L	177 YU	UC	1	
GORMICAN MARY P	13 GR GEN DEL U STA	UC	2	
GORMICAN MICHAEL LEO	10 DORM M GEN DEL U	UC	1	
GORMLY JUANITA ELIZ		UC	2	
GORMSEN SVEND T	2216 NW 5TH PL	GR	5	5715
GORTNER RICHARD LANE	115 NW 10TH ST	AS	4	
GOSSELIN ROBERT DAN	676 TO	UC	1	
GOSSMAN DORIS LILLIAN	66 MA	UC	1	
GOTTFRIED JACOB L	981 WE	UC	1	
GOWER WALTER H	440 MU BX 2062	EG	4	
GRACE ALYCE JOE	218 RI	UC	1	
GRAEME ROBERT A	997 WE	UC	1	
GRAF ROBERT GEORGE	SN HSE	UC	2	
GRAFRATH MILTON JACK	914 S W 7TH AVE	GR	5	3442
GRAHAM JAMES LOVETT	1124 NW 1ST PL	LW	2	
GRAHAM JOAN	213 RI	UC	1	
GRAHAM JOHN TAYLOR	1024 NE 3RD AVE	UC	2	
GRAHAM JOSEPH JR	33 UNIV MANOR	PH	3	
GRAHAM MARGARET A	1124 NW 1ST PL	ED	3	7349
GRAHAM MARY LOUISE	329 NW 17TH ST	UC	2	
GRAHAM OLIVER R	741 SW 2ND AVE	GR	5	
GRAHAM OTHO LESLIE	110 NW 7TH ST	UC	2	
GRAHN WALTER GUSTAV	414 S MAIN ST	UC	2	
GRAMLING GEO FRANCIS	PKT HSE	UC	2	
GRANDIO PHILIP	187 SD BX 2571	EG	3	
GRANDJEAN CHARLES P	985 WE	UC	1	
GRANT CARMEN GUARINO	1414 NW 2ND AVE	GR	5	3821
GRANT DONALD STORRIE	RT 2 BXX88	GR	5	3742
GRANT THOMAS W	PGD HSE	AS	3	8303
GRANT WILLIAM HARVEY	GEN DEL U STA	BA	3	
GRASMAN GLORIA F	168 YU	UC	1	
GRAVES BARRY	SAE HSE	BA	3	

GRAVES CHARLES H	118 SD GEN DEL U STAED	4		
GRAVES HUBERT JR	117 NW 17TH ST	UC	2	
GRAVES JOHN PERRY	214T FLAVET 3	AR	4	
GRAVES KENNETH R	865 SO GEN DEL U STAUC	1		
GRAVIS JACK DOYLE	1835 W UNIV AVE	UC	2	
GRAVITT CHARLES W	13 DORM O GEN DEL U	AS	3	
GRAY BENJAMIN E	PARADISE TR PARK	ED	3	
GRAY BERNARD C	81V FLAVET 1 BX 2497BA	3		
GRAY BETTY SUE	113 NW 20TH TERR	GR	5	7740
GRAY CHARLES RICHARD	TV 1 AAB	UC	2	
GRAY CLARICE T	COMMUTES JAX	GR	5	
GRAY DAVID CARLTON	81 TH GEN DEL U STA	UC	2	
GRAY EUNICE GERALDINE	615 NE 11TH AVE	UC	2	
GRAY FRANCIS EUGENE	741 SW 2ND AVE	UC	2	
GRAY HENRY LATHAM	837 NE 5TH AVE	UC	1	8713
GRAY HOWARD CLINTON	498 MU GEN DEL U STAUC	1		
GRAY JAMES RICHARD	990 WE	UC	1	
GRAY JOHN CHARLES	657 TO	UC	1	
GRAY JOHN HENRY	1001 WE	UC	1	
GRAY JOHN WESLEY	1420 W UNIV	UC	2	
GRAY LEON A JR	308 N E 8TH AVE	AS	4	5759
GRAY LEON A SR	308 NE 8TH AVE	GR	5	5759
GRAY ROBERT ARTHUR	308 NE 8TH AVE	UC	2	5759
GRAY ROBERT EARL	369 MU GEN DEL	UC	2	
GRAY RONALD BRYCE JR	135 SD GEN DEL U STAAR	3		
GRAY WILLIAM C	1204 NW 3RD AVE	BA	4	
GRAYBILL MALCOLM W	ATO HSE	LW	1	
GREATHOUSE BRADY B JR	726 34TH AVE	GR	5	
GRECO JOE	361 MU BX 2236	EG	4	
GREEN ALFRED A JR	334 E MAIN N	LW	2	
GREEN ANNIE LOU BAKER	RT 2 BX 82 COMMUTES	GR	5	
GREEN AUBREY PIERCE	RT 1 BX 29	UC	2	
GREEN BAIRD	703 NE 6TH ST	BA	3	
GREEN BERNICE PROCTOR	FLAVET 3	UC	2	
GREEN CHARLES A	WE GEN DEL U STA	UC	1	
GREEN CHARLES R	GEN DEL U STA	UC	2	
GREEN GORDON HERBERT	245D FLAVET 3	AG	4	
GREEN HIRAM JR	1702 W UNIV AVE	AG	4	3012
GREEN JAMES LEE	766 NO	UC	1	
GREEN MILTON BENJ JR	632 TO	UC	1	
GREENBAUM HERMAN	392 MU GEN DEL U STAAG	4		
GREENBERG ARTHUR LEE	649 TO	UC	1	
GREENBERG CHAS HARLAN	1003 SW 7TH AVE	LW	1	
GREENBERG HOWARD S	11 DORM I GEN DEL U	GR	5	
GREENBERG MARTIN D	818 NO	UC	1	
GREENBERG MELVIN N	903 NW 9TH AVE	LW	2	
GREENBLATT SHELDON A	TEP HSE BX 551	UC	2	8863
GREENE EDGAR LEE JR	COMMUTES WEIRSDALE	GR	5	
GREENE ELLIS PARK II	DTD HSE	UC	2	
GREENE HARRY RICKER	1 DORM A GEN DEL U SUC	2		
GREENE JACK M	724 SW 10TH ST	UC	2	
GREENE MYAL CRAWFORD	COMMUTES TAMPA	ED	6	
GREENE RALEIGH W JR	110 NW 12TH ST	LW	3	
GREENE THOMAS H	713 TO	UC	1	
GREENFEDER FLORENCE	178 YU	UC	1	
GREENING WILLIAM P	207C FLAVET 3	AR	4	
GREENLUND OSCAR F	1319 NW 2ND AVE	UC	2	
GREENSTEIN CHARLES	941 WE	UC	1	
GREENSTEIN HARRY	941 WE	UC	1	
GREENWALD MORTON N	PILP HSE BX 2908	LW	2	
GREENWAY GERALD JACK	211A FLAVET 3	BA	3	
GREER ARLENE NORMA	178 YU	UC	1	
GREER HALLARD JOSEPH	RT 2 BX 278	UC	2	
GREER JOHN FRANKLIN	202 NW 15TH AVE	AS	6	
GREESON WANDA LEE	94 YU	UC	1	
GREFE ROY FRED	COMMUTES JAX	GR	5	
GREGORY JESSE E JR	R246A FLAVET 3	AR	4	
GREGORY MAX ANDREW	1734 NW 1ST AVE	UC	2	
GREMER GEORGE PAUL JR	171 SD SC HSE	PE	4	5553
GRENNELL MYRON G	2188 UNIV STA	GR	5	
GRESHAM WILLIAM M	35 BU BX 2521	PH	4	
GRIBBLE ROBERT EARL	340A MU	UC	2	
GRICOUROFF NADINE	PATRICK CT	GR	5	
GRIFFIN ALYCE MAE	COMMUTES TAMPA	GR	5	
GRIFFIN CARL HENRY		EG	4	

GRIFFIN EUGENIA	12 GR	UC	2	
GRIFFIN GEORGE H	116 NW 16TH ST	UC	2	6868
GRIFFIN HAROLD H	126 NW 10TH ST	GR	5	
GRIFFIN JAMES F JR	AIRBASE GEN DEL U ST	GR	5	6053
GRIFFIN JAMES LAMAR	SN HSE	AS	4	
GRIFFIN JOHN CHARLES	485 MU GEN DEL U STA	UC	1	
GRIFFIN JOHN THOMAS	221 NW 16TH AVE	PE	4	
GRIFFIN LEONARD	208S FLAVET 3	AR	4	
GRIFFIN LEONARD PERRY	213A FLAVET 3	AG	3	
GRIFFIN MARGARET WADE	208S FLAVET 3	GR	5	
GRIFFIN SAMUEL S	RT 3 BX 47	UC	2	
GRIFFIS DORMA LOUISE	12TH ST	GR	5	
GRIFFIS EWELL AUBREY	RT 3 BX 284MB	BA	3	
GRIFFIS JAMES H	7A DORM O	UC	2	
GRIFFIS JAMES LESTER	210D FLAVET 3	GR	5	
GRIFFIS ORVILLE JOCK	1213 SE 1ST AVE	UC	2	
GRIFFITH GEORGE WM	61 TH BLY DEPT	AS	3	
GRIFFITH NANCY	COMMUTES	GR	5	
GRIGG OLGA L	253 RI	UC	2	
GRIGGS HUBERT EUGENE	743 TO	UC	1	
GRIGGS JOAN LOUISE	267 RI	UC	2	
GRIGSBY KATHRINE V	1203 NW 4TH AVE	AS	3	6646
GRIGSBY MAC G	1203 NW 4TH AVE	GR	5	6646
GRIM HELEN SUSAN	1106 SW 4TH AVE	UC	2	8733
GRIMALDI JOHN ANDREW	1103 SW 6TH AVE	LW	2	4620
GRIMES FAYE JOAN	272 RI	UC	2	
GRIMES STEPHEN HENRY	ATO HSE	LW	2	4463
GRIMSLEY GEORGE C	SPE HSE	BA	4	5903
GRINAKER BETTYE BOWEN	111 16TH ST	BA	3	
GRINER CHARLES EDWARD	116 S W 7TH ST	BA	3	
GRINER RUTH T	18 NE 8TH AVE	UC	2	
GRINER WILLIAM J	216 SW 1ST ST	UC	2	
GRINNELL ELEANOR	220S FLAVET 3	UC	2	
GRINNELL PHILIP C	220S FLAVET 3	AS	3	
GRINSTEAD JAMES D	CLO HSE	UC	1	
GRISSOM JOYCE ANN	41 MA	UC	1	
GRISWOLD MAUDE	COMMUTES BROOKSVILLE	GR	5	
GRIX EDWARD NORBERT	1806 NW 2ND AVE	UC	2	
GROCER NORMAN ARTHUR	1105 UNIV AVE BX 551	BA	4	8663
GROGAN JOHN DILLARD	1017 SW 1ST AVE	UC	2	8332
GROH JAMES EDGAR	96 WEAVER GEN DEL U	UC	2	
GROOM ALBERTA A	COMMUTES BRONSON	ED	6	
GROOMS BRODIE F	792 NO	UC	1	
GROOT HENRY A JR	234S FLAVET 3	PH	4	
GROSICKI THADDEUS S	920 SW 1ST AVE	GR	5	7034
GROSS GUILFORD C	RT 3 BXX288 BX 2854	GR	5	
GROSS HERBERT M	225 FR COL OF PHARMA	GR	5	
GROSS LEROY H	PKT HSE	UC	2	
GROSS MARVIN ELLIOT	1105 W UNIV	UC	2	
GROSS RUTH HARRISON		GR	5	
GROVES MARILLYN JOAN	1245 SW 1ST AVE	UC	2	8439
GRUBB JAMES WM	228 ANNIS	UC	1	4073
GRUBER PHILLIP ROLAND	12 DORM L GEN DEL U	UC	1	
GRUEL GEORGE H JR	7 DORM K GEN DEL	UC	1	
GRUMER HOWARD A	1025 WE	UC	1	
GUARDIA HERMEL	382 MU GEN DEL U STA	UC	2	
GUARISCO AUGUSTINE	362 MU BX 3021	UC	2	
GUARISCO PETER	215B FLAVET 3	BA	3	
GUENTHNER RUTH E	6 GROVE	UC	2	
GUERRIERO FRANK	699 TO	UC	1	
GUESS MALCOLM	7 DORM A GEN DEL U SU	UC	2	
GUGEL JOHN ALTON	115 NW 10TH ST	BA	3	9222
GUILFORD HAROLD E	517 MU BX 2174	GR	5	
GUILFORD NORWOOD F	1248 NW 9TH AVE	BA	3	5546
GUIMOND GEORGE R	CRANF HALL	AS	4	6043
GUNBY WILLIAM R JR	KA HSE	UC	2	8883
GUNDERSON SIGURD E	236C FLAVET 3	UC	2	
GUNNER ROBT MICHAEL	294 FR GEN DEL U STA	EG	4	
GUNTER JOHN STANLEY	325 FR GEN DEL	UC	2	
GUNTER LEONA SIMS	COMMUTES BRANFORD	GR	5	
GURITZ DAVID	850 SO	UC	1	
GURITZ JAMES W	COMMUTES TAMPA	GR	5	
GURKEY ANITA ELLEN	129 YU	UC	2	
GURSKY HERBERT	TEP HSE BX 551	AS	4	8863
GUSA ARTHUR HENRY	937 SO	UC	1	

GUSKY FRANK C	COMMUTES JAX	GR	5	
GUSTINGER ALFRED JR	ATO HSE	AS	3	
GUTHMANN EDWARD I	406 MU GEN DEL U STA	UC	2	
GUTHRIE FRANKLIN JR	62A DORM B GEN DEL U	UC	2	
GUTHRIE HARRY C	149 SD	BA	4	
GUTHRIE JAMES HORTON	COMMUTES LAKE CITY	GR	5	
GUTHRIE KENNETH B	288 FN GEN DEL U STA	UC	2	
GUTIERREZ JULIO	14 DORM R BXX2773	UC	1	
GUTIERREZ LOUIS	GA SEAGLE	UC	2	
GUTSCHLAG BETTY ANN	59 MA	UC	1	
GUTTMAN DAVID	794 NO	UC	1	
GUTTMANN ALLEN	885 SO	UC	1	
GUY WOODVILLE WM JR	184 SD GEN DEL U STA	UC	2	
GUYTON ROBT EDWARD	SW 4TH AVE & 13TH AV	UC	2	
GUZMANGARCIA JAVIER	DORM BXX2515	UC	1	
GWYNN WILLIAM EMERSON	658 TO	UC	1	

H

HAAS CHARLES HENRY	3 DORM K GEN DEL	UC	1	
HAAS CHARLES WITTE	CP HSE	BA	3	
HABLOW KATHRYN F	248 RI	UC	2	
HADDOCK ROBERT LEE JR	RT 3 BX 85A	EG	3	6579
HADDOX JACKSON A	AGR HSE	GR	5	
HADLEY CHARLES B	841 SO	UC	1	
HADLEY JACK CHARLES	REC RM WE	UC	2	
HADSOCK JESSE MONROE	13 DORM C GEN DEL U	UC	2	
HAEN HARRY EDWARD	389 MU GEN DEL U STA	BA	3	
HAFFNER GEORGE LESLIE	9 DORM M	UC	1	
HAGAN LEE	BTPI HSE	AS	4	413
HAGAN LINDA	1106 SW 4TH AVE	UC	2	8733
HAGAN ROBERT BEASON	120 NW 15TH ST	UC	2	
HAGEMAN KATHERYN A		AS	6	
HAGER PHILIP THOMAS	10 DORM R	UC	1	
HAHN JO ANNE C	231U FLAVET 3	ED	4	
HAHN PAUL GENE	231U FLAVET 3	UC	2	
HAIGHT WM MILFORD	929 SO	UC	1	
HAIMOWITZ HAROLD B	PILP HSE	LW	1	
HAINES JAMES LEWIS	HIBISCUS PARK RT 5	UC	1	3943
HAINES LEROY D JR	BOCKLER TR PARK RT 3	EG	3	
HAINES RALPH EDGAR	GEN DEL U STA	AS	3	
HAINES WAYNE LEROY	1734 NW 1ST AVE	FY	3	
HAIRE ROBERT MITCHELL	107 NE 8TH ST	GR	5	
HALE CHARLES	315P FR BX 2665	UC	2	
HALE CHARLES W	423 MU KA HSE	AG	4	
HALE WILLIAM EASLEY	RT 3 BX 286	PH	3	
HALEY JOHN CARTER	DC HSE BXX2748	ED	3	
HALEY MARGARET P	KD HSE	AS	4	8963
HALL ANSLEY	508 MU GEN DEL U STA	AG	3	
HALL CHARLES WILBUR	107 NW 15TH ST	BA	3	
HALL CONNIE LYNN	SK HSE 928 SW 1ST AV	UC	2	
HALL DENSEL RAY	302 FLOYD RT 5 PINE	GR	5	
HALL DOUGLAS EUGENE	77A TH GEN DEL U STA	UC	2	
HALL ERNEST W	COMMUTES EVERGLADES	ED	6	
HALL FRANK DAWSON	SC HSE	LW	2	
HALL GERALD L	8 DORM M	UC	1	
HALL JOHN LEWIS JR	MU GEN DEL UNIV S	UC	2	
HALL JOHN WILSON JR	210S FLAVET 3	AR	4	
HALL JOSEPHINE F	109 YU	UC	1	
HALL LEON DEWITT JR	2310 N PLEASANT	PH	4	
HALL LESTER LEONARD	61 TH SPE HSE	BA	3	
HALL MALCOLM WALLACE	285 FR GEN DEL U STA	UC	2	
HALL MEL CLIFFORD	4030 NW 6TH PL	UC	2	
HALL MELVIN LENTON	117 N W 15TH ST	AG	3	
HALL MERRILL J	SD 199C GEN DEL	UC	2	
HALL MICHAEL JOSEPH	REC RM WE	UC	2	
HALL ROBERT LEROY	276 FR BX 3038	EG	4	
HALL SHERWOOD W	18 NW 7TH ST	FY	3	
HALL WARREN KEITH	1848 W LEON	UC	2	
HALLAM LILLIAN	40 MA	UC	2	
HALLINAN ALICE NEEF	COMMUTES WILDWOOD	GR	5	
HALLINAN TERENCE G	COMMUTES WILDWOOD	GR	5	

HALLMAN WILLIAM H	18 LONILAIR	LW	2		
HALPERN ARDENE	24 GROVE	UC	2		
HALSEY LAWRENCE HENRY	1017 NW 16TH AVE	GR	5	8605	
HALTIWANGER BILLIE S	DDD HSE	UC	2	8603	
HALTIWANGER JACK T	136 NE 4TH AVE	AG	4		
HALVORSEN GAIL S	1105 N W 3RD AVE	EG	3	6115	
HALZBAND RHODA E E	1104 SW 1ST AVE	UC	2	9540	
HAMANN WARREN DEAN	162 FLAVET 2	LW	2		
HAMBLIN MAYNARD CHAS	BTPI HSE	UC	2	4131	
HAMDI SAID	227 NW 3RD AVE	GR	5		
HAMILTON CAROLYN J	1038 W UNION	UC	2		
HAMILTON CHARLES HUTS	BT HSE	UC	2	4131	
HAMILTON CHARLOTTE J	1511 NW 4TH ST	UC	1	7183	
HAMILTON DON T	429 MU BX 2613	UC	2		
HAMILTON FRANK DONALD	904 SO	UC	1		
HAMILTON HARRY GLEN	505 SO W 10TH ST	PE	4		
HAMILTON JAMES P JR	12 DORM I	LW	1		
HAMILTON JOHN WARD	399 MU BX 2203	GR	5		
HAMILTON STEVE FRANK	1003 NW 10TH AVE	GR	5	8363	
HAMM CLIFTON C JR	236T FLAVET 3	JM	3		
HAMM JOSEPH GRADY JR	16 DORM I GEN DEL U	AG	4		
HAMMERMAN STANLEY R	PILP HSE	AS	3		
HAMMOCK JOHN ELLIS	459 MU	UC	2		
HAMMOND RALPH B JR	309 SE 7TH ST	UC	2		
HAMMONS VETTA GREENE	COMMUTES JAXVILLE	GR	5		
HAMPTON DOUGLAS WADE	304 FR BX 2062	ABA	4		
HAMPTON HAROLD D	GEN DEL UNIV STA	EG	3		
HAMPTON PRISCILLA W	421 NW 15TH ST	AS	3	7366	
HAMPTON THEODORE M JR	463 MU	UC	1		
HAMPTON WILLIAM B	1420 UNIV AVE	UC	2		
HANCOCK CARL RICHARD	800 FLA CT	ED	3		
HANCOCK FREDERICK W	WE	UC	1		
HANCOCK JAMES ALFRED	GEN DEL U STA	UC	2		
HANCOCK MILLARD	1432 W UNIV	GR	5		
HANCOCK NELLIE SMITH	COMMUTES PALATKA	GR	5		
HANCOCK ROBERT ARNOLD	B5A TH GEN DEL U STA	UC	2		
HANCOCK TIM ANN	146 GR GEN DEL U STA	UC	2		
HANCE DON MOORE	117 NW 15TH ST	UC	2		
HAND BILLIE JOYCE	COMMUTES BROOKSVILLE	GR	5		
HAND DONALD EDMUND	107 FLAVET 2	EG	4		
HAND WILL MASON	FLAVFT APT 242R	GR	5		
HANDLEY LEON HUNTER	ATO HSE	LW	2	4463	
HANDRAN LUCIEN RAMON	1426 UNIV BX 2685	UC	2	9139	
HANEY RUSSELL ELMO	RT 2	AG	3	4835	
HANFT ELISE LABREE	COMMUTES JAX	GR	5		
HANKINS SAMUEL M	1 DRM I	ED	6		
HANKINS WILLIAM E JR	202 NW 12TH TER	EG	4	4790	
HANKINSON JOHN HENRY	208U FLAVET 3	GR	5		
HANLEY EILEEN MARIE	DG HSE	UC	2	8780	
HANNA JAMES H JR	8 DORM O	UC	2	9278	
HANNON CHANCELLOR I	1015 NW 3RD AVE	GR	5		
HANNON SAM JAMES	154 SD GEN DEL U STA	UC	2		
HANNUM JOHN BALLARD	1 DORM B GEN DEL U S	GR	5		
HANNUM MARJORIE ELIZ	75 GR	UC	2		
HANNUM STACY ESTHER	19 MA	UC	1		
HANOR WILLIAM CLAY	279 MU BX 2249	ED	4		
HANSEL JOHN JR	RT 3 BX 260A	BA	3		
HANSEN CHARLES NORTON	94Y FLAVET 1	UC	2		
HANSEN KARL M	97Z FLAVET 1	UC	2		
HANSKAT JAMES T	422 MU GEN DEL U STA	UC	2		
HANSON ARTHUR HERMAN	PKT HSE BX 2338	EG	4		
HANSON FLOSS	ADPI HSE	AS	4	8983	
HANSON HENRY VERNON	430 MU BX 2338	EG	3	8083	
HANSON MARY JEAN	319 SW 12TH ST	GR	5		
HARBEN FRANK PIERCE	248 FR BX 2101	BA	4		
HARBIN BARBARA V	DDD HSE	UC	2	8603	
HARDAWAY FRANKLIN D	KA HSE	AG	4		
HARDAWAY GORDON K	1623 NW 1ST AVE	UC	1		
HARDEE EDNA VIDA	COMMUTES CALLAHAN	GR	5		
HARDEN JOHNELLA	13 MICHAEL	UC	2	5115	
HARDEN M C	228T FLAVET 3	BA	4		
HARDEN WILLIAM PERRY	COMMUTES WALDO	UC	2		
HARDIN ROBERT GREGG	1219 W UNIV	UC	2	8663	
HARDIN THOMAS H	GAINESVILLE COURT	UC	2		
HARDING READ B JR	1432 W UNIV	GR	5		

HARDING RICHARD S	203 NE 2ND AVE	AG	4		
HARDMAN LAMIE WINSTON	PIKA HSE	AG	3		
HARDMAN MARY NEIL	211 N W 16TH ST	ED	3	8242	
HARDMAN WILLIAM M	821 NO	UC	1		
HARDWICK SAMUEL H	2 DORM C GEN DEL U SU	UC	2		
HARDWICK WILLIAM CHAS	420 FR GEN DEL U STA	UC	2		
HARDY FLORIAN J	1326 N W 10TH AVE	GR	5		
HARDY GEORGE THEO	231C FLAVET 3	UC	2		
HARDY HELEN FOSTER	61 GR	UC	2		
HARDY HUGH J	221R FLAVET 3	AS	4		
HARDY LAYMOND MILLAGE	269 FR BX 2704	AS	4		
HARE CYRUS MORGAN	SD 132H	EG	4		
HARE HENRY PARDEE	118 FLAVET 2	AG	3		
HARE ROBERT L	1037 NE 10TH PL	AR	4	6111	
HARGRAVE ROBERT HENRY	COMMUTES	GR	5		
HARKINS MICHAEL F	CRANE HALL	UC	2		
HARLAN VIRGINIA JEAN	1128 S W 1ST AVE	UC	2		
HARLEY MARY LOUISE	85 GR	UC	2		
HARLING THOMAS L JR	33B FLAVET 1	UC	2		
HARLOW JUSTIN EDWARDS	1030 BROWER CT	GR	5	7087	
HARMAN JAMES F	DORM	AG	3		
HARMAN SHIRLEY ANN	132 YU	UC	1		
HARMAN WILLIAM L	1318 NW 3RD AVE	AS	3		
HARMON LOU ELLEN	146 YU	UC	2		
HARMS LEROY STANLEY	179 SD BX 2071	UC	2	9155	
HARNED BEN HOWARD	S CHI HSE	LW	1	5553	
HARNETT CLAUDE EARL	924B S W 5TH AVE	EG	4	8848	
HARPER ELLSWORTH C JR	ATO HSE	BA	4		
HARPER GEORGE LEWIS	319 FR GEN DEL U STA	LW	2		
HARPER JACKSON DUKES	1020 WE	UC	1		
HARPER JOE MELVIN	768 NO	UC	1		
HARPER JOHN WOOD	989 WE	UC	1		
HARPER JOS FRANKLIN	AGR HSE	UC	2		
HARPER LUCILLE M	COMMUTES JAX	ED	3		
HARPER RALPH LEHMAN	321 FR GEN DEL U STA	UC	2		
HARPER VIRGINIA SUE	1238 SW 2ND AVE	UC	2	8933	
HARPER ZELL WAITS	COMMUTES OCALA	ED	4		
HARPSTER FRED MILLER	REISENS TR PARK	EG	3		
HARRELL DAVID EDWARD	KA HSE	BA	4	8883	
HARRELL F DOUGLAS	214 NW 14TH ST	AS	3		
HARRELL HAZEL		GR	5		
HARRELL MORAY LEE	3257 N ALABAMA	GR	5	7078	
HARRELL PEYTON EUGENE	MU BX 3059	UC	2		
HARRELL PHILIP B	8 BU BX 2863	PH	4		
HARRELL RALPH EDWIN	102 NW 15TH ST	UC	2	9855	
HARRELL ROBERT C	289 FR LCA HSE	UC	2	8863	
HARRELL WM JACKSON	235B FLAVET 3	GR	5		
HARRILL PHILLIP ROBT	875 SO	UC	1		
HARRINGTON ALFRED D	DTD HSE	BA	4		
HARRINGTON DONALD E	320 FR GEN DEL U STA	AG	3		
HARRINGTON JEAN N	RT 3 BX 280B	UC	2		
HARRINGTON LESTER G	959 WE	UC	2		
HARRINGTON NEAL L	396 MU BX 3092	BA	3		
HARRINGTON TOM KNAPP	TC HSE	BA	4		
HARRIS BEVERLY GAIL	52 MA	UC	1		
HARRIS CAROL HOWARD	1868 W UNIV AVE	ED	3		
HARRIS EMMETT D JR	238T FLAVET 3	AG	4		
HARRIS FLOYD FRANK	320 FR BX 2804	AG	3		
HARRIS FRANK M JR		UC	2		
HARRIS GENE MONTE	1021 SW 10TH AVE	AG	4	5B94	
HARRIS HENRY THOMAS	COMMUTES JAX	GR	5		
HARRIS JAMES LLOYD	688 TO	UC	1		
HARRIS JOHN EDWARDS	DORM M GEN DEL U STA	UC	1		
HARRIS JOHNNIE F	247B FLAVET 3	AG	4		
HARRIS KENNETH LEE	95 TH GEN DEL U STA	UC	2		
HARRIS MARJORIE E	16 MA	UC	1		
HARRIS MAJORIE G	238T FLAVET 3	UC	2		
HARRIS MONA JOYCE	11 GR GEN DEL	BA	3		
HARRIS OSCAR SAM JR	1209 W UNIV	UC	2		
HARRIS PATRICIA JEAN	127 YU	UC	1		
HARRIS ROBERT ENNIS	ARLINGTON HOTEL	GR	5		
HARRIS ROBERT GERALD	TC HSE	ED	4		
HARRIS SAMUEL LUTHER	116 NW 18TH ST	AG	3		
HARRIS SYLVIA IRENE	1104 SW 1ST AVE	UC	2		
HARRIS WILLIAM ELMER	1209 W UNIV AVE	BA	3	3745	

HARRIS WM LYNWOOD	6 BU BX 2439	PH	3		
HARRISON BENNIE B	125 GR	UC	2		
HARRISON CURTIS C	826 NW 1ST PL	AG	4	3852	
HARRISON GEORGE H	KS HSE	LW	3		
HARRISON JOHN BARBER	PDT HSE	BA	4		
HARRISON MURLE EUGENE	PIKA HSE	UC	2		
HARRISON ROBERT E	747 NO	UC	1		
HARRISON WILLIAM T JR	167 SD KS HSE	LW	3		
HART ANNE Q	800 NW 37TH AVE	AR	3	8384	
HART EDMOND LAWRENCE	3 DORM N GEN DEL U SAS		3		
HART EDNA MANNING	COMMUTES	GR	5		
HART GEORGENA	COMMUTES SANFORD	GR	5		
HART JOHN JOSEPH JR	PARADISE TR PK	PH	4		
HART PATRICIA MAE	ZTA HSE	AR	3	8933	
HARTER BERNARD PAUL	406 NW 10TH ST	UC	2	4078	
HARTER MARGRET JANE	406 NW 10TH ST	UC	2	7048	
HARTLEY JOSEPH A	BU KA HSE	UC	2		
HARTLEY WESLEY G	200 SD PIKP HSE	UC	2		
HARTMAN GERALD B	TEP HSE	UC	2		
HARTMANN HERMAN GUS	215 NE 3RD ST	UC	2	4200	
HARTNETT ROBERTA ANNE	1238 SW 2ND AVE	UC	2		
HARTSON PHILIP RICKER	387 MU BX GEN DEL U	GR	5		
HARTWIG ELDERT CHAS	292 FR GEN DEL U STAAS		3		
HARVEY ALAN	314 SW 1ST AVE	AG	3		
HARVEY DOZIER JACKSON	6B BU GEN DEL U STA	UC	2		
HARVEY ERNEST JR	31A BU GEN DEL U STAAG		4		
HARVEY LESLIE HERBERT	79A TH	UC	2		
HARVEY SUSAN INEZ	1328 NW 6TH AVE	UC	2	6560	
HARVIN RICHARD L	BRIARCLIFF DR	GR	5	7027	
HARWOOD ROBERT A	998 WE	UC	1		
HASKINS HAROLD RAY	494MU BX 2579	PE	4		
HASLEY ELIZABETH K	249 RI	UC	2		
HATCH CHARLOTTE C	COMMUTES OCALA	GR	5		
HATCHER MARION F	352 MU KA HSE	UC	2		
HATFIELD HERMAN C	705 NE 2ND ST	UC	1		
HATFIELD MILTON H	UNIV MANOR	BA	4		
HATHCOCK AUSTIN W	722 TO	UC	1		
HATTON JULIAN RAY	1219 W UNIV	UC	2	8663	
HAUBEN SIGMUND S	255C FLAVET 3	ED	4		
HAUGH ROBERT MARTIN	10 DORM I	UC	1		
HAUPERT CECIL ALVIN	672 TO	UC	1		
HAUPT WM HENRY JR	DTD HSE 438 MU	BA	3		
HAVEARD LEWIS ALLEN	251A FLAVET 3	UC	2		
HAVEN NED LEROY	1211 SW 4TH AVE	GR	5		
HAVER ANGELINA SPOTO	COMMUTES TAMPA	GR	5		
HAVER EDWARD F	22 DORM N GEN DEL U	UC	2		
HAWKE ROY LEE	RT 4 BX 78	GR	5		
HAWKINS AILEEN MAY	228 RI	UC	2		
HAWKINS HAROLD M	BX 2044	GR	5		
HAWKINS JOHN E	STENGEL FIELD	AR	3		
HAWKINS RICHARD LEE	1 DORM B GEN DEL U SUC		2		
HAWKINS MARJORIE A	BX 2044	GR	5		
HAWN PEGGY JOYCE	75 MA	UC	1		
HAY ISABEL R	GOLFVIEW	GR	5	7903	
HAY JOHN EARR	15B DORM GEN DEL U SAG		6		
HAY RALPH WILLIAM	1 DORM M	UC	1		
HAYDEN ELEANOR ANN	243 RI	UC	2		
HAYES JEWELINE A	218 SE 4TH PL	UC	2	8382	
HAYES KENNETH HALOLD	COMMUTES MELROSE	UC	2		
HAYES PEGGYE ANNE	127 YU	UC	1		
HAYES ROBERT COCHRAN	346 MU BX 2443	GR	5		
HAYES ROGER FREEMAN	PDT HSE	UC	2	3761	
HAYES WILLIAM ENOS	PIKA HSE	LW	2	9037	
HAYGOOD EVERETT AUST	PDT HSE	JM	3		
HAYMAN FRED PIXTON	1625 NW 3RD AVE	UC	2		
HAYMAN LARRY EUGENE	1015 WE	UC	1		
HAYMAN SHEILA JOY	3 MICHAEL	UC	2		
HAYNER HAMPTON A	755 NO	UC	1		
HAYNES GARY FREDERICK	9 DORM R GEN DEL	UC	1		
HAYNES JOHN AARON	934 SO	UC	1		
HAYNES MEREDYTH J JR	400 MU GEN DEL U STAUC		2		
HAYNES POLLY ANNA	1114 SW 6TH AVE	UC	2	3809	
HAYNES RONALD EDWARD	975 WE	UC	1		
HAYNIE VERA EILAND	212 SW 3RD AVE	GR	5	4545	
HAYS ARTHUR SEWELL	GEN DEL U STA	ED	3		

HAYS GORDON JR	SN HSE	EG	4	
HAYS JOHN PUTNAM	807 NW 16TH AVE	AG	3	
HAYS JOHN RALPH	914 SW 7TH AVE	ED	4	
HAYS ROBERT EUGENE	1219 W UNIV	BA	3	
HAYWARD GEORGE ALFRED	215 FR BX 2419	AS	3	
HAZEN RICHARD CLARK	627 12TH ST	GR	5	
HEACOCK FORD W JR	232B FLAVET 3	UC	2	
HEADLEY HAROLD M	1 DORM M	UC	1	
HEADLEY KENNETH W	129 SD KS HSE	AS	3	
HEALD ARTHUR F	356 MU PIKP HSE	BA	3	
HEALY JOAN	1125 SW 2ND AVE	AR	4	8963
HEARD MILTON GILBERT	347 MU SAE HSE	PH	4	
HEARNE HERBERT H	18 DORM O GEN DEL U	EG	3	
HEARNE WM DUNCAN	431 MU SN HSE	UC	2	
HEATH FRANK HARVEY JR	899 SO GEN DEL U STA	UC	1	
HEATHCOE IRENE ELIZ	2 MA	ED	4	
HEBB FURMAN H	SC HSE	AS	3	
HEBERLING ROBERT B	21 DORM N GEN DEL U	UC	2	
HEBERT RICHARD G	GEN DEL U STA	UC	2	
HEDRICK GEORGE R	414 MU BX 2654	BA	4	
HEEB ANTON LORENZ	14A DORM M	UC	1	
HEENAN ROBERT BASIL	106 SW 12TH ST	UC	2	
HEGVOLD SIDNEY MORRIS	626 SW 9TH ST	GR	5	3152
HEINDEL WM BRUNSON	447 MU PDT HSE	UC	2	
HEINZMAN FREDERICK H	1008 WE	UC	1	
HEISLER NANCY C	1238 SW 2ND AVE	UC	2	
HEIST EDWARD ALLEN	1619 NW 3RD AVE	UC	2	
HEITZMAN ISABELLE A	BX 736 SE 9TH PL	UC	2	466
HEITZMAN JOSEPH J	COMMUTES ALACHUA	GR	5	
HELLER NORMAN GORDON	AEPI HSE BX 2665	UC	2	5889
HELLER WILLIAM	425 MU BX 3072	EG	4	
HELLIER GEORGE G	36A BU PDT HSE	UC	2	
HELLINGER FRANK R	ATO HSE	AS	4	
HELLINGER RICHARD H	329 FR STO HSE	UC	2	
HELLMAN ROBERT EDWARD	47 BU BX 2281	UC	2	
HELLYER CLEMENT DAVID	UNIV PRESS	GR	5	
HELM JOHN CORNELIUS	51 TH BX 3029	AS	4	
HELMLY CHAS FREDERICK	612 NW 10TH ST	UC	2	
HELMS ADOLPHUS L	160 FLAVET 2	ED	3	
HELMS DEWEY FRANKLIN	5 DORM B BX 2363	PH	3	
HELVESTON PERCY S	15 DORM M GEN DEL U	UC	1	
HEMENWAY ALAN HILLMAN	ATO HSE	UC	2	
HENDERSON ALBERT	174 SD	ED	3	
HENDERSON BETTY GAIL	266 RI	UC	2	
HENDERSON FRANK P	1415 4TH ST NW	ED	4	
HENDERSON JAMES A	RT 4 BX 358A	EG	4	3342
HENDERSON JAMES MAC	308 FR GEN DEL U STA	UC	2	
HENDERSON JAMES T JR	HENDERSON SW 13TH AVE	EG	4	
HENDERSON LLOYD V	18 NW 17TH ST	BA	4	9287
HENDERSON MARGARET A	113 NW 16TH ST	UC	2	
HENDERSON OTTO LEE	508 NW 13TH TER	BA	4	
HENDERSON RICHARD M	232 NW 16TH ST KA HS	UC	2	
HENDERSON ROBT P III	232 LAFAYETTE KA HSE	UC	2	
HENDERSON THOMAS E	KA HSE	UC	2	
HENDLEY ANNE CECELIA	404 SE 2ND ST	UC	1	
HENDRIX CHARLES M	326 SW 12TH ST	AG	4	
HENDRIX JAMES THOMAS	729 NE 3RD ST	GR	5	
HENDRIX JOHN LEROY	COMMUTES MICANOPY	UC	2	
HENDRIX SAMUEL ISAIAH	COMMUTES WALDO	GR	5	
HENDRY CARL RICHARD	202B NW 12TH TER	UC	2	
HENDRYX MARILYN JEAN	1 GR	AR	3	
HENKEL THOMAS MOORE	960 WE	UC	1	
HENLEY LAURENCE M JR	777 NO	UC	1	
HENN GEO NICHOLAS JR	67S FLAVET 1	EG	4	
HENNES JOHN HENRY	80V FLAVET 1	AS	4	
HENNIG RICHARD CARL	TC HSE	BA	4	4814
HENNON GORDON J JR	982 WE	UC	1	
HENRIQUEZ JERRY	CRANF HALL	UC	2	
HENRY DENNIS C	PIKA HSE	UC	2	
HENRY FREDRICK EARL	21H SE 2ND AVE	EG	3	
HENRY LYNDA LEE	730 NE 3RD ST	UC	1	5913
HENRY MILDRED E OWEN	COMMUTES WILDWOOD	GR	5	
HENRY WM OSCAR EUGENE	FSAE HSE	LW	1	5130
HENSEL JOHN PAUL	635 TALBERT	UC	2	
HENSEL ROBERT SETH	TH GEN DEL U STA	UC	2	

HENSHAW DONALD TAYLOR	998 WE	UC	1	
HENSLEY KATHERINE ANN	79 MA	UC	1	
HENSON IRA DELTON	COMMUTES JAX	GR	5	
HERBERT JOHN HENRY	741 SW 2ND AVE	GR	5	
HERBERT JOHN WILLIAM	245A FLAVET 3	UC	2	
HERENDEEN EDWARD B	9 DORM A GEN DEL U	UC	2	
HERLANDS MARLENE J	16 MICHAEL	UC	2	
HERLONG MARY ALICE	130 YU	UC	1	
HERMINGHAUS CHARLES	1A DORM I	LW	1	
HERNANDEZ JOSE O	1A DORM I GEN DEL U	EG	4	
HERNANDEZ OSCAR L	TO 716	UC	1	
HERNDON DOROTHY JOYCE	204 NW 18TH ST	GR	5	
HERNDON ELMER LAWRENC	STENGEL FLD	EG	4	
HERNDON HELEN Q	47 MA	UC	1	
HERNDON JULIAN O	305 N W 16TH TERR	LW	1	
HERNDON ROBERT STUMON	70T FLAVET 1 BX 2113	GR	5	
HERNDON SIDNEY D JR	MU BX 2287	UC	2	
HERNDON WM LAWRENCE	1 DORM K	UC	1	
HERRING ABBOTT M	BTPI HSE	AS	3	4131
HERRING GENE	248 FR BX 2821	AG	4	
HERRING JACK WILEY	8 SW 1ST ST	UC	1	
HERRING JAMES MARVIN	681 TO	UC	1	
HERRING JOHN LAMAR	1834C NW 1ST AVE	GR	5	
HERRINGTON HARRY R JR	PDT HSE	UC	2	379
HERRINGTON THOMAS	1926 W UNIV	BA	3	
HERRMANN JAY J	MR 2 BX 191	PH	3	
HERSKOWITZ JEROME	789 NO	UC	1	
HERSPERGER SAMUEL JR	103 SW 12TH ST	GR	5	
HERTZ JOEL JOHN	BU BX 2521	PH	4	
HERTZ MURRAY W	4 DORM A BX 2521	UC	2	
HERTZ TOBY LANG JR	PLP HS BX 2568	UC	2	9843
HERZ SUZANNE	96 GR	UC	2	9173
HESTER FREDERICK C	8 DORM C	BA	3	
HESTER GERALD LOUIS	866 SO	UC	1	
HESTER JOHN DONALD	1026 SW 2ND AVE	UC	2	7243
HETTINGER DALE ATEN	193 SD GEN DEL U STA	AS	4	
HEWLETT ROBERT F	493 MU ATO HSE	UC	2	
HEWSON SUSAN ADA	54 GR	UC	2	9173
HEYWARD JEANNE	1245 SW 1ST AVE	AS	3	8953
HEYWARD ROSE MARIE	58 GR	UC	2	
HIATT CLIFFORD FRED	955 WE	UC	1	
HICKEN HARRY THADDEUS	869 SO	UC	1	
HICKS BARNABAS B	GEN DEL U STA	GR	5	
HICKS BARTLEY LEATH	11 DORM R GEN DEL U	UC	1	
HICKS COY SPENCER JR	43 BU GEN DEL U STA	UC	2	
HICKS DILLIARD D	831 NW 22ND TERR	UC	1	
HICKS HENRY LEON III	402 MU GEN DEL	UC	2	
HICKS RUTHERFORD P	GVILLE COURT	PH	4	
HICKS WILLIAM H JR	942 WE	UC	1	
HIGGINBOTHAM DWAIN W	PALM TERR	UC	2	5145
HIGGINBOTHAM HERMAN	320 FR GEN DEL U STA	UC	2	
HIGGINBOTHAM MARY C	DDD HSE	AS	4	8603
HIGGINBOTTOM JOAN M	211 RI	UC	1	
HIGGS CAROLYN KNOPF	114 FLAVET 3	ED	6	
HIGGS PIERCE MAXWELL	117 FLAVET 2	AR	3	
HIGHNOTE ANNAMARIE	167 YU	UC	1	
HIGHTOWER ARTHUR G JR	1228 W UNIV AVE	UC	2	
HIGHTOWER JAMES WM	1123 W UNIV AVE	UC	2	
HIGHTOWER ROBERT F	869 SO	UC	1	
HILBISH ELAH CARD	COMMUTES TAMPA	GR	5	
HILDRETH CHARLES H	219B FLAVET 3	GR	5	
HILDRETH HERBERT R	19 SD BX 2354	UC	2	
HILL ALBERT L JR	349 MU GEN DEL U STA	UC	2	
HILL DARRELL RAY	1028 WE	UC	1	
HILL DELLA JEANNE	CO HSE	UC	2	8953
HILL DUDLEY K	1102 NW 4TH AVE	UC	2	
HILL EMMA PEARCE	COMMUTES LAWTEY	ED	3	
HILL HAROLD JOHN	390 MU GEN DEL	UC	2	
HILL HOWARD EDWARD	681 TO	UC	1	
HILL JOHN ROBERT	409 MU BX 2632	UC	2	
HILL JOSEPH WM	943 WE	UC	1	
HILL LAWRENCE WADE	968 WE	UC	1	
HILL LEWIS H III	1213 2ND AVE SW	LW	1	
HILL MARY LEE	DG HSE	AR	4	
HILL RONALD ARTHUR	917 SO	UC	1	

HILL SHIRLEY YVONNE	1130 W UNIV	BA	3	4776
HILL THOMAS JORDAN	143 PK YONGE	GR	5	
HILLIARD KATHERINE M	187 RI	UC	2	
HILLIARD ROY EDWARD	LINGER LONGER	EG	4	
HILLIS JACOB PAUL	616 TO	UC	1	
HILLMAN AUGUSTA DODD	COMMUTES OCALA	GR	5	
HILTON CARL HALVOR	656 TO	UC	1	
HILTON JACK HARRISON	17 DORM M GEN DEL U	UC	1	
HILTON LOYD CHARLES	107 NW 15TH ST	BA	3	
HILTON MERILI AVA	113 NW 16TH ST	UC	2	
HIMROD MARGARET B	56 MA	UC	1	
HINDS JACK EDWARD	656 TO	UC	1	
HINE F KENNETH	5 DORM S	UC	1	
HINES CARL MELVIN	COMMUTES BROOKER	UC	2	
HINES JOHN PREY	942 WE	UC	1	
HINES MARGARET L	1112 SW 4TH AVE	UC	2	
HINES ROBERT HOWLAND	GEN DEL U STA	UC	2	
HINKLEY CAROL EDWARD	447 MU GEN DEL U STA	UC	2	
HINSON GRADY MAURICE	559 NE 6TH AVE	UC	2	9969
HINTON ROBERT TILLMAN	233D FLAVET 3	UC	1	
HIPP JACOB EDWARD	1622 NW 3RD PL	UC	2	4498
HIPPELHEUSER ROBERT	149 SD	UC	2	
HIRLEMANN ROBERT EDW	722 E UNIV	UC	2	
HIRNEISE GERALD L	MR 2 BX 88	BA	3	
HIRSCH ALCENE OLIVIA	106 YU	UC	2	
HIRSH BERNITA ROSE	AEP HSE	UC	2	
HISLER CHARLES C	23A DORM O GEN DEL U	UC	1	
HITCHCOCK LOLA JEAN	59 GROVE HALL	UC	2	
HITCHINS GEORGE E	515 MU KA HSE	UC	2	
HITT MAX ROLAND	SPE HSE	PH	3	5903
HIXSON IMOGENE	1023 SW 1ST AVE	GR	5	8230
HO ER CHUN	102 NW 15TH ST	GR	5	
HOAGLAND SADIE H	COMMUTES JAX BCH	GR	5	
HOBBS HARRY MILLER	HIBISCUS PARK	LW	3	7912
HOBBY CHARLES JOS	615 12TH ST S W	AS	3	
HOCHMAN LIBBY R	MICHAEL HALL	UC	2	
HOCK JOHN WARREN	117 FLAVET 2	EG	3	
HODGE HAROLD L JR	SPE HSE	LW	1	
HODGE HAROLD LEROY	9 DORM I GEN DEL U	SED	4	
HODGE RUFUS	COMMUTES NEWBERRY	AG	4	
HODGES ALBERT PENCE	302 NW 14TH AVE	UC	2	
HODGES RICHARD P	977 WE	UC	1	
HODGES ROBERT EDWIN	443 MU GEN DEL UNIV	PH	4	
HODGES SARA HENDERSON	COMMUTES PALATKA	ED	6	
HODGKINS HAROLD BARD		UC	2	
HODGSON MARGARET K	ZTA HSE	LW	1	8933
HODKIN FREDRIC JERRY	306 NW 16TH ST	LW	1	
HODUS JACOB NELSON	AEPI HSE BX 2578	PH	4	
HOEDT FRED RUDOLPH	31B BU GEN DEL	UC	2	
HOEQUIST CHARLES E	952 WE GEN DEL U STA	UC	2	
HOFFER FRED J	725 SE 5TH AVE	UC	2	
HOFFERT WARREN R	COMMUTES JAX	GR	5	
HOFFMAN ALONZO LOUIS	ATO HSE	EG	3	
HOFFMAN CHARLES A	323 NW 14TH ST	GR	5	
HOFFMAN DAVID HERBERT	104F TH PDT HSE	UC	2	
HOFFMAN EARL SAMUEL	220D FLAVET 3	UC	2	
HOFFMAN GEORGE R	138 SD BX 2345	BA	3	
HOFFMAN JACK WARREN	DORM A SN HSE	UC	2	
HOFFMAN JOHN RALEIGH	103 S W 12TH ST	GR	5	
HOFFMAN LARRY JAY	221 SW 13TH BX 2725	BA	3	8303
HOFFMAN RUTH ONETA	COMMUTES BROOKSVILLE	ED	6	
HOFFMANN WADE KING	SN HSE	UC	2	7353
HOFMA LAWRENCE ALLEN	PKT HSE	EG	4	
HOGAN EUGENE JOSEPH	COMMUTES MELROSE	AG	3	
HOGAN JANE ELIZ TYLER	COMMUTES MELROSE	GR	5	
HOGAN PATRICIA ANNE		UC	2	
HOGAN RICHARD RUSSELL	SN HSE	BA	4	7353
HOGAN WAYLAND F JR	314 FR KA HSE	UC	2	
HOGARTH LEESON A JR	GEN DEL U STA	UC	2	
HOGSETTE ROBT HAROLD	395 MU BX 3105	UC	2	
HOGUE ALBERT WM	238 MU GEN DEL U STA	UC	2	
HOLBERT CHARLES H	739 TO	UC	1	
HOLDEN CLARENCE C	17 BU GEN DEL U STA	GR	5	
HOLDEN KARALEE	226 RI	UC	2	
HOLDEN MARY ELIZABETH	1ST AVE	UC	2	

HOLDEN RICHARD W	796 NO	UC	1		
HOLDER MARION L	920 NW 25TH AVE	AG	3	3983	
HOLDER WM DUNBAR	BU 26BBX 2567	AS	4		
HOLDERMAN CHARLES C	CP HSE	EG	3	8783	
HOLDORF BENJAMIN G	18 NW 17TH ST	UC	2	9187	
HOLEVA FRANK S	234 FR BX 2297	BA	3		
HOLFORD THOMAS D JR	205 F UNIV GEN DEL	UUC	2		
HOLLAND ELLIOTT WEEMS	24 UNIV MANOR	LW	1		
HOLLAND HELEN ELIZ	1013 NW 3RD AVE	AS	3		
HOLLAND HORACE WORTH	46 NW 7TH ST	EG	4		
HOLLAND NANCY SUE	55 MA	UC	1		
HOLLAND NORMAN DANIEL	1813 NW 5TH AVE	BA	4		
HOLLAND ROBERT DAVID	76 TH BX 2148	FY	3	9696	
HOLLAND ROBERT EAKEN	697 TO	UC	1		
HOLLAND SAMUEL ARTHUR	29A BU BX 2332	UC	2		
HOLLEY WILLIAM EARL	711 NW 20TH AVE	UC	1	7155	
HOLLIFIELD EDWIN J JR	565 N EVANS	UC	2		
HOLLIFIELD JOHN A	540 NE 9TH ST	UC	1		
HOLLING FREDDIE J JR	1318 NW 3RD AVE	UC	2		
HOLLINGSWORTH BOBBY F	638 SO	UC	1		
HOLLINGSWORTH CLYDE V	1420 W UNIV	UC	2		
HOLLINGSWORTH L M	COMMUTES FERNANDINA	GR	5		
HOLLINGSWORTH WM B	189 SD BX 2247	UC	2		
HOLLINS RICHARD LEE	TEP HSE BX 551	BA	3	8863	
HOLLIS JOE EARL	SPE HSE	BA	4	5903	
HOLLOD GEORGE HYRC	214B FLAVET 3	AS	3		
HOLLOWAY ALBERT WAYNE	789 NO	UC	1		
HOLLOWAY DAN	966 WE	UC	1		
HOLLOWAY EMMETT E	517 NW 14TH AVE	BA	3	7124	
HOLLOWAY JACK LLOYD	355 MU DTD HSE	UC	2		
HOLLY ALFRED RANDOLPH	COMMUTES OCALA	UC	2		
HOLLY WARREN G	GEN DEL U STA	UC	2		
HOLMAN HERBERT HARLAN	117 SD GEN DEL U STA	ED	3		
HOLMAN NATHANIEL T	216 SW 1ST ST	UC	2		
HOLMBERG ALBERT P	509 MU BX 2483	ED	3		
HOLMBERG ANN HARRIET	71 MA	UC	1		
HOLMES EVA FIELDING	COMMUTES PLANT CITY	GR	5		
HOLMES JOE LAFOREST	COMMUTES WALDO	UC	1		
HOLMES LORING EDWIN	214 FR DTD HSE	BA	4		
HOLMES ROLAND C	1116 SW 2ND AVE	UC	2		
HOLMES WILLIAM B	1420 NW 1ST AVE	AR	3		
HOLST JOHN GEORGE JR	1619 NW 3RD AVE	UC	2		
HOLT BARBARA JEAN	16 MA	UC	1		
HOLT ESTHER C	COMMUTES W PALM BCH	GR	5		
HOLT JONATHAN R	1624 NW 8TH AVE	UC	2		
HOLTON RATHBURN K	GVILLE COURT	UC	1		
HOLZ EUGENE RUSSELL	BX 2434	GR	5		
HOLZAPFEL GEORGE W	246 FR BX 3037	UC	2		
HOMAN WAYNE GERARD	15 DORM S GEN DEL U	UC	1		
HOOD BOBBIE JO	1022 3RD AVE	UC	2	6887	
HOOD HILDA	20 MA	UC	1		
HOOD THOMAS EUGENE	217S FLAVET 3	GR	5		
HOOD WILLIAM HAMILTON	115 NW 10TH ST	UC	1		
HOOK DOUGLAS WAYNE	58 TH GEN DEL UNIV	SAG	4		
HOOK JOHN HERBERT	305 NE 1ST ST	GR	5		
HOOK RALPH KERSHAW	355 NE 1ST PIKA HSE	UC	2	7691	
HOOKER CHARLES D	RT 5 BX 245	UC	2		
HOOKER JOE BEN	RT 5 BX 189	PH	3		
HOOKER JULIA NEAL	RT 5 BX 189	UC	2		
HOOPER GEORGE HERBERT	PARADISE TR CT	UC	2		
HOOPER JEWELL B JR	1002 W UNIV	ED	4		
HOOVER FRETA ALICE	215 SW 2ND AVE	AS	4	3230	
HOOVER MAURICE W	RT 3 BOX 284R	GR	5		
HOPKINS JUNELL B	766 NE 2ND ST	LW	3	5547	
HOPKINS SHIRLEE LYNNE	35 MA	UC	1		
HOPSON HAL C	RT 2 ALACHUA	UC	1		
HORDER EDWARD JOHN	232D FLAVET 3	AG	4		
HORN GRANVILLE CLIDE	GEN DEL U STA	GR	5		
HORN RAYMOND EDWARD	1236 W COURT	UC	2		
HORNBECK CLARENCE JR	IDEAL TR PK GEN DEL	EG	4		
HORNBROOK FRANK L	711 NE 5TH TER	UC	2		
HORNBUCKLE JOHN WM	KA HSE	UC	2	88H3	
HORNE DON TISON	518 NE 6TH ST	UC	1	4198	
HORNE DOROTHY ELIZ	COMMUTES RAIFORD	UC	2		
HORNE MARTHA PEARL	COMMUTES HAMPTON	UC	2		

HORNE SIDNEY L	COMMUTES FERNANDINA	GR	5	
HORNE THOMAS B JR	CLO HSE	AG	3	
HORNER EARL S	1932 NW 2ND AVE	AS	6	
HORNER WM JOHN JR	1314 NW 2ND AVE	LW	1	
HORNSBY DAN EDWARD	RT 3 BX 64	UC	2	6855
HORNSBY JESSE SCOTT	83 TH GEN DEL	UC	2	
HOROWITZ CHAS	TEP HSE	PH	4	8863
HOROWITZ NORMAN HARRY	BX 551 TEP HSE	PH	3	
HORTER ADRIAN JR	805 NW 13TH ST	UC	2	5467
HORTON EDMOND WENDELL	POULTRY LAB	UC	2	
HORTON EUGENE ELLIOTT	17 DORM O GEN DEL U	UC	2	9278
HORTON JOSEPH PAUL JR	DTD HSE	JM	3	8083
HORTON ROBERT BRAMAN	208 NW 14TH ST	UC	2	
HORTON ROBERT ELMORE	470 MU GEN DEL U STA	UC	2	
HORVATH ROBT DAVID	302 NE 6TH ST	AR	4	
HOSKINS ELMER E		GR	5	
HOSKINS WILLIAM M	MU PO BX 2893	UC	1	
HOSMER J W JR	234 E UNIV BX 583	UC	2	7215
HOSTETTER FLOYD L	93A TH SC HSE	EG	4	
HOUG GEORGE WM	434 MU GEN DEL U STA	UC	2	
HOUGH JAMES CECIL	263 FR GEN DEL U STA	UC	2	
HOUGH WENDELL MORTON	678 TO	UC	1	
HOUHA ROBERT WILLIAM	KS HSE	AR	4	
HOUPT BARBARA JEAN	273 RI	UC	2	
HOUSAND WILLIAM EDW	121 SD GEN DEL U STA	UC	2	
HOUSE BARBARA JUNE	117 GR	UC	2	9173
HOUSE PETE	DSP HSE BX 2319	GR	5	7096
HOUSE THELMA LOU	1125 SW 2ND AVE	UC	2	8963
HOUSER BARBARA RUTH	203 RI	UC	1	
HOUSER JOANNE	107 GR	UC	2	
HOUSER WESLEY H	CP HSE	UC	2	
HOUSTON GLORIA C	100 YU	UC	1	
HOWARD CLYDE M		GR	5	
HOWARD DAVID COLLIE	GA SEAGLE HALL	GR	5	8913
HOWARD HAMPTON P JR	18 NW 17TH ST KA HSE	UC	2	
HOWARD RAY EDWARD	GEN DEL UNIV STA	UC	2	
HOWARD ROBERT WESLEY	2 DORM S GEN DEL U S	UC	1	
HOWARD ROY JR	103 NW 10TH ST	UC	2	
HOWARD WALTER HENRY	116 NW 16TH ST	UC	2	6868
HOWELL ALBERT M III	133 FLAVET 2	UC	2	
HOWELL DANIEL B JR	MU BX 3058	UC	2	
HOWELL DEE CHANSLOR	ATO HSE	LW	2	4463
HOWELL DONALD WILLARD	1722 NW 2ND AVE	LW	3	8819
HOWELL EDWARD HARDY	STAR CAB CO	UC	2	
HOWELL HARRY WALTER	PIKP HSE	AS	4	9107
HOWELL JOHN ROBERT	403 MU BX 3098	AS	3	
HOWELL KATHRYN ANN	27 MA	UC	1	
HOWELL LAWRENCE D	1A BU BX 2832	LW	3	
HOWELL ROBERT PAUL	102 NW 13TH ST	UC	2	
HOWINGTON MARY LOU	COMMUTES HIGH SPRING	GR	5	
HOWINGTON VALANCE G	COMMUTES HIGH SPRGS	UC	2	
HOWLETT FRANCIS W	253R FLAVET 3	GR	5	
HOYT BROOKS P	SC HSE	UC	2	
HOYT PEGGY	133 YU	UC	1	
HOYT RALPH	14 DORM M	UC	1	
HUBBARD PAUL STANCIL	GEN DEL	UC	2	
HUBER AUGUST CHARLES	KS HSE	PH	3	8424
HUBERTZ RICHARD LUCAS	23 BU GEN DEL U STA	AR	4	
HUBINGER FRANK H	GEN DEL U STA	UC	2	
HUCKABEE SARA SMITH	103 NW 10TH ST	UC	2	
HUCKLEBERRY EVERETT W	GEN DEL U STA	GR	5	
HUCKS JOHN ALBERT	252 FR GEN DEL U STA	PH	3	
HUCKS JOSEPH SMITH	835 SO	UC	1	
HUDDLE STEPHEN G	2 DORM K	UC	1	
HUDSON ALLAN DODGE	733 TO	UC	1	
HUDSON AMOS O	BX 2196	LW	2	
HUDSON DENNIS S	DTD HSE	BA	4	
HUDSON HENRY JACK	768 TH GEN DEL U STA	GR	5	9191
HUDSON LARRY WILLIAM	405 MU GEN DEL U STA	EG	3	
HUDSON RAYMOND MARION	932 SO	UC	1	
HUFF JOHN FRANKLIN JR	1420 W UNIV	UC	2	
HUFF WARREN PATRICK	18 NW 17TH ST	EG	3	
HUFFMAN ROBERT NELSON	SN HSE	UC	2	7353
HUGGINS FLOYD LEON	126 NW 10TH ST	UC	2	
HUGHES ALLAN LLOYD	396 MU GEN DEL U STA	UC	2	

HUGHES ARTURO FETH	244 FR BX 2301	EG	4	
HUGHES CHARLES ROY	1111 NW 10TH AVE	GR	5	8886
HUGHES JAMES THOMAS	206T FLAVET 3	UC	2	
HUGHES LAWRENCE J	STENGEL FLD	GR	5	
HUGHEY MYRTLE HUNTER	212 E UNIV AVE	UC	2	
HUGHEY RODNEY W	212E UNIV AVE	UC	1	
HUGLI JOHN RICHARD	1B DORM M GEN DEL U	UC	1	
HULL FLOYD VANCE JR	9 NE 14TH ST	LW	3	
HULL HOMER JR	1A DORM S	AR	4	
HULL JOHN WAYNE	COMMUTES BROOKSVILLE	GR	5	
HULL ROBERT HOBART	1402 W UNIV	UC	1	
HULLIHAN WILLIAM F	13A DORM B	PE	3	
HUME HELEN MARGARET	111 SW 13TH ST	AS	3	3888
HUMMEL MYRNA JEANEEN	63 MA	UC	1	
HUMPHRIES CHARLES C	1227 SW 1ST AVE	GR	5	
HUMPHRIES JACK B	WEAVER HALL	GR	5	
HUNDLEY JAMES G JR	23A BU BX 3102	AR	3	
HUNERWADEL OTTO K JR	406 NE 6TH ST	EG	3	
HUNGERFORD HENRY B	779 NO	UC	1	
HUNNICUTT LEMUEL S	194 SD GEN DEL U STA	AS	3	
HUNSBERGER WESLEY JAS	10 DORM O	UC	2	
HUNT ARTHUR JOSEPH	2 DORM A GEN DEL U S	UC	2	
HUNT FRANK RICHARDSONA	TO HSE	UC	2	
HUNT GEORGE ELLIS	SN HSE	AG	3	
HUNT JOHN WILLIAMSON	815 NO	UC	1	
HUNTER ALBERT S III	COMMUTES OCALA	UC	2	
HUNTER CHESTER ARCHER	15B BU GEN DEL U STA	UC	2	
HUNTER DANIEL MADISONM	U GEN DEL UNIV S	UC	2	
HUNTER DONALD LEWIS	1028 WE	UC	1	
HUNTER DWIGHT H	926 NE 7TH AVE	GR	5	7230
HUNTER ELIZABETH FORT	212E UNIV	AS	3	
HUNTER FRANK GEORGE	212 F UNIV	BA	4	
HUNTER FRED COPELAN	12 DORM O	UC	2	
HUNTER GERALD B	705 TO	UC	1	
HUNTER HAROLD R	212 F UNIV	GR	5	
HUNTER HARRY DANIEL	100 NE 9TH ST	LW	3	4724
HUNTER HARRY W	COMMUTES SUMMERFIELD	GR	5	
HUNTER JAMES CALHOUN	766 NO	UC	1	
HUNTER KENNETH WM	BTPI HSE	AS	3	
HUNTER MABEL BRANNON	COMMUTES PALATKA	UC	2	
HUNTER ROBERT E JR	11 DORM A BX 2546	UC	2	
HUNTER WM ARMSTRONG	518 NW 15TH ST	UC	2	6178
HUNTSMAN ROY WILLIS	1003 WE	UC	1	
HURGETON DAVID BRUCE	1529 W ORANGE	UC	2	
HURLEBAUS JOHN F	PGD HSE	UC	2	
HURNER NANCY LOUISE	117 YU	UC	1	
HURSE WM DAVID	214 NW 4TH AVE	UC	2	4522
HURST ALBERT BLAKE	15 NW 15TH ST	UC	2	
HURST JACK VERNON	1420 W UNIV	UC	2	
HURST JAMES EDWARD	1 DORM K	UC	1	
HURST JAMES WAYNE	30A BU GEN DEL U STA	UC	2	
HURST MARIE RICHARDS	COMMUTES JAX	GR	5	
HURSTON WM VERNON	280 FR KA HSE	BA	3	
HURWITZ ROBERT S	PILP HSE	UC	2	
HURY LEO THOMAS	1316 NE 9TH ST	GR	5	7544
HUSA WILLIAM J JR	1016 SW 5TH AVE	GR	5	
HUSKEY ALBERT LEE	1025 NW 10TH AVE	UC	2	
HUSKEY DAVID C	COMMUTES FT PIERCE	GR	5	
HUSS JAMES WESLEY	1604 NW 3RD PL	UC	2	
HUSS ROBERT BENJ	410 NE 13TH AVE	UC	1	7963
HUSSEY JERRY DURWARD	31B BU GEN DEL U STA	UC	1	
HUSSEY JERRY R	61 O FLAVET 1	LW	3	
HUTCHERSON MARTHA L	1120 NE 3RD ST	AS	4	4220
HUTCHESON GEO W JR	730 NE 9TH ST	ED	4	5054
HUTCHINS PAUL CLIFTON	116 NW 16TH ST	UC	2	6868
HUTCHINSON GELAINE A		UC	2	
HUTCHINSON JAMES NEAL	208T FLAVET 3	AR	4	
HUTCHINSON JONNIE M	3B BU GEN DEL U STA	UC	2	
HUTCHINSON MARY ALICE	166 YU	UC	1	
HUTCHINSON ROBERT L	967 WE	UC	1	
HUTCHISON WM CAUTHEN	SAE HSE	LW	1	4513
HUTSON DONALD EMORY	451 MU GEN DEL U STA	AG	4	
HUTSON LUCIAN CARY	SN HSE	AG	4	
HUTSON ROY D	COMMUTES MICANOPY	GR	5	
HUTSON SALLY D	43 MA	UC	1	

HYATT JOE H	232 FR GEN DEL U STA	EG	4	
HYDER ARLEN DOYLE	922 SO	UC	1	
HYED EARL HUSTON	MU 372C	UC	2	
HYLAND JAMES JOSEPH	MU L 501	UC	1	
HYMAN BENJAMIN DAVID	903 9TH ST	UC	2	
HYMAN SAMUEL	903 NW 9TH AVE	LW	2	6587
HYNES ROBERT HOWARD	17 DORM B GEN DEL U	UC	2	

I

IACOBUCCI EDWIN EMIL	741 SW 2ND AVE	UC	2	
IKARD JEAN	70 MA	UC	1	
IMBREY KERMIT S	14 DORM K GEN DEL	UC	1	
INGLE ANN WHITE	203U FLAVET 3	GR	5	
INGLE COTELLA MARIE	1522 NW 6TH AVE	UC	2	5388
INGLE JACK LAWRENCE	203U FLAVET 3	GR	5	
INGLE ROBERT RICH	1002 W UNIV	AG	4	
INGRAM DONALD GLENN	967 WE	UC	1	
INGRAM DORRELL DWAN	716 TO	UC	1	
INGWALSON RAYMOND W	1016 NW 4TH AVE	GR	5	
INK STANLEY KNIGHT	1630 NW 2ND AVE	UC	2	
INMAN MARION JO ANNE	1202 SW 1ST AVE	PH	3	6922
IRVIN MARION	305 NW 15TH ST	ED	3	9510
IRWIN HUBERT ALLYN	206S FLAVET 3	LW	1	
ISBILL CHARLOTTE M	116 SE 9TH ST	UC	2	3691
ISERHARDT LOUIS J JR	436 MU BX 3093	UC	2	
ISKIN ELAINE RUTH	DG HSE	AS	3	8780
ISRAELSOHN JACOB M	21 SW 3RD ST	EG	3	
IVERSON JOHN ROBERT	GEN DEL U S 16 DORM	UC	2	
IVES THOMAS WILBUR	999 WE	UC	1	
IVEY MARVIN LEE	280 FR	UC	2	
IVEY THELMA DEWITT	316 NW 14TH ST	AS	3	4183
IZURIETA OSCAR	54 TH BX 2047	EG	4	

J

JABARA LLOYD WM	5A BU SC HSE	GR	5	
JABARA RONALD WM	372 MU GEN DEL U STA	UC	2	
JACK FRANCIS HERRON	BIVINS ARM	GR	5	
JACKSON ADDIE JEAN	35 MA	UC	1	
JACKSON DAVID	640 TO	UC	1	
JACKSON DAVID LOUIS	878 SO GEN DEL	UC	1	
JACKSON EDWARD M	KS HSE	BA	3	
JACKSON FRANK DREUX	673 TO	UC	1	
JACKSON FRANKLIN M	978 WE	UC	1	
JACKSON GEORGE W	260 FR GEN DEL U STA	BA	4	
JACKSON HARRY P JR	COMMUTES LEESBURG	GR	5	
JACKSON HUNTER G JR	1028 SW 1ST AVE	UC	2	9999
JACKSON JAMES FALLON	280 FR GEN DEL U STA	UC	2	
JACKSON JIMMY ALBERT	321 FR BX 2187	UC	2	
JACKSON JO ANN	71 GR	UC	2	
JACKSON LELAND H	297 FR	AS	4	
JACKSON NANCY SARA	79 MA	UC	1	
JACKSON NAOMI AVA	34 MA	UC	1	
JACKSON NORMAN EDWIN	630 TO	UC	1	
JACKSON RANDOLPH C	PKT HSE	UC	2	
JACKSON ROBERT	483 MU	UC	1	
JACKSON THOS ANDREW	TC HSE	BA	3	4814
JACKSON THOMAS M JR	232 NW 16TH ST	UC	2	
JACKSON VIOLET	403 NW 19TH AVE	UC	1	
JACOB DWIGHT M	27 BU BX 3019	UC	2	
JACOBS ALVIN STANLEY	363 MU	AS	4	
JACOBS CATHERINE D	COMMUTES JAX	ED	4	
JACOBS DANIEL M	667 TO	UC	1	
JACOBS LOUIS GEORGE	PIKA HSE	JM	3	4787
JACOBS MAURICE H	IDEAL TR PK RT 1 BX2	UC	2	
JACOBS PEGGY	198 RI	UC	1	
JACOBS WALLACE THOMAS	GEN DEL U STA	AG	4	
JACOBSON DOROTHY JANE	1113 NW 14TH AVE	UC	2	

JACOBSON STANLEY Z	880 SO GEN DEL U STA	UC	2	
JACOWAY THOMAS H JR	220R FLAVET 3	GR	5	
JACUNSKI EDWARD W	GOLFVIEW	GR	5	5429
JAFFE DIANA ZELDA	14 MICHAEL	UC	2	
JAFFE LAWRENCE L	659 TO	UC	1	
JAFFE SAMUEL Z	16 NW 18TH ST	GR	5	7901
JAGO WALTER COOKE JR	208 SE 10TH ST	UC	2	
JAMES CHARLES EDWARD	920 W UNIV	UC	1	
JAMES CHARLES WILLIAM	GEO SEAGLE HALL	GR	5	
JAMES GEORGE WALTON	705 NW 10TH AVE	PH	3	
JAMES HOKE SMITH JR	SN HSE	BA	4	7353
JAMES MARY ANNETTE	114 YU	UC	1	
JAMES ROBERT WM JR	705 NW 10TH AVE	PH	3	
JAMES SUSANNA P T	61 MA	UC	1	
JAMES WILLIAM GODFREY	KS HSE	BA	4	
JAMESON JOHN EDMUND	1020 WE	UC	1	
JAMESON LEF KENT	81A TH GEN DEL U STA	UC	2	
JAMESON ROBERT T JR	1404 NW 3RD AVE	LW	3	4938
JAMESSON JOHN ETHAN	357 MU GEN DEL U STA	BA	4	
JAMISON ROBERT EDWARD	COMMUTES WINTER HAVE	GR	5	
JANATA MARILYN JOAN	DDD HSE	AS	4	8603
JANES RHODA LUCILLE	252 RI	UC	2	
JANES WAYNE E	1248 SW 4TH AVE	UC	2	
JANOWITZ ELEANOR F	46 MA	UC	1	
JAPOUR DANIEL A	1622 NW 3RD PL	LW	2	
JARRATT RICHARD D	TKE HSE GEN DEL	GR	5	
JARVIS ARLIE HERBERT	RT 2 BX 278	AS	3	
JARVIS WARREN TAFT	COMMUTES LAKE CITY	GR	5	
JASA FRANK JOSEPH	CRANF HALL	AG	4	
JATTUSO MARY JANE	162 YU	UC	1	
JAY EDWARD GEO JR	134 W 17TH ST	UC	2	
JAYCOX THEODORE AMOS	MU GEN DEL	PE	4	
JEAN CHARLES FLETCHER	BDORM R	UC	1	
JEFFCOAT VIRGINIA F	244W FLAVET 3	BA	4	
JEFFCOAT WM ROBERT	244W FLAVET 3	BA	4	
JEFFERSON RUFUS O	226T FLAVET 3	LW	2	
JELINEK JOHN JR	415 BLVD APT 2	AS	4	7900
JEMISON MILES	GEN DEL U STA	UC	2	
JENKINS BETTE M	20 MA	UC	1	
JENKINS DOBLES EDWARD	119 SD GEN DEL U STA	GR	5	
JENKINS ELI SHELTON	DC HSE	ED	3	7729
JENKINS MARCIUS A	1504 NE 9TH ST	UC	2	4490
JENKINS MARIO	80A TH GEN DEL U STA	UC	2	
JENKINS RICHARD BEACH	346 MU BX 2443	GR	5	
JENKINS STAFFORD E	1420 W UNIV	BA	4	
JENKINS VERA M	1220 NW 4TH AVE	GR	5	6052
JENNINGS ROY T	10 STENG FLD BX 2494	GR	5	
JENNINGS WILLIAM L	290 FR	GR	5	
JENNY THOMAS G JR	DTD HSE	UC	2	
JENSEN CHRIS LORNE	430 MU BX 3075	UC	2	
JENSEN DAVID L	851 SO	UC	1	
JENSEN RAYMOND K	214 NW 14TH	UC	2	6558
JERNIGAN MARY SNOW	COMMUTES BROOKSVILLE	ED	3	
JERNIGAN WILLIAM H	1002 W UNIV	UC	2	
JERZYK LEO CHESTER	243R FLAVET 3	GR	5	
JESSUP MARYALICE T	98 YU	UC	1	
JETER MAX ALBERT	212D FLAVET 3	GR	5	
JEWETT ALFRED E	262 FR GEN DEL U STA	AG	3	
JEWETT HENRY WELLS	6 DORM 1 BX 2312	LW	3	
JILL ANTHONY ROBERT	116 NW 18TH ST	UC	2	
JINKS JOHN BERT	SN HSE	BA	3	7353
JOBE CLEBURN CATON	1112 SW 4TH AVE	UC	2	6972
JOCHUMSEN DONALD RAY	WE	UC	1	
JOEL NATHAN LEINER	1123NW 1ST PL	BA	4	
JOERGER DESIREE BERYL	7 MICHAEL	GR	5	
JOERN HENRY CHARLES	268 FR GEN DEL U STA	UC	2	
JOHANSEN FLOYE V	707 NW 2ND AVE	GR	5	5427
JOHN PAUL ROBERT 111	THETA CHI HSE	AR	3	
JOHNS ANDREW THEO	COMMUTES PALATKA	UC	1	
JOHNS ARTHUR HENRY	GEN DEL U STA	AS	4	
JOHNS CHARLES C	COMMUTES STARKE	UC	2	
JOHNS CHARLEY JEROME		BA	3	
JOHNS HERBERT EDWIN	BX 2112	UC	2	
JOHNS HORRY THOMPSON	DORM L GEN DEL U STA	UC	1	
JOHNS JOAN LISTON	2215 NW 2ND AVE	ED	3	4148

JOHNS MILLICENT	2115 NW 2ND AVE	UC	2	4148
JOHNS THOMAS HUMPHREY	18 NW 17TH ST	BA	3	9287
JOHNSON ALBERT T	618 TO	UC	1	
JOHNSON ALEXANDER LEO	318 NE 7TH AVE	UC	2	5678
JOHNSON ALMA LOUISE	COMMUTES MIDDLEBURT	ED	4	
JOHNSON ARTHUR F	COMMUTES JAX	GR	5	
JOHNSON ARTHUR GEO	90A TH GEN DEL U STA	UC	2	
JOHNSON BARBARA RUTH	DG HSE	UC	2	8780
JOHNSON BRUCE TWEED	239 FR GEN DEL	UC	2	
JOHNSON BUNA LEA	STENGEL FD APT 16A	UC	1	
JOHNSON CHAS DENMARK	204T FLAVET 3	FY	4	
JOHNSON CHARLES G JR	GA SEAGLE	UC	1	
JOHNSON CHAS THOMAS	1235 W ARLINGTON	UC	2	
JOHNSON CLAYTON G	234B FLAVET 3	UC	2	
JOHNSON DELIA E	PM HSE	UC	2	9510
JOHNSON EDITH HINES	COMMUTES FERNANDINA	ED	6	
JOHNSON ELMER H	11D FLAVET 1	EG	3	
JOHNSON EMORY A	1012 NW 4TH AVE	PE	4	6555
JOHNSON FAL LAFAYETTE	65 UNIV PARK	UC	2	3428
JOHNSON FRANK F	18 NW 17TH ST	UC	2	9107
JOHNSON GEORGE GUY JR	NO	UC	1	
JOHNSON GILBERT N	103 NE 5TH ST	UC	2	
JOHNSON GORDON T	75A TH GEN DEL U STA	UC	2	
JOHNSON HAROLD W	246R FLAVET 3	AR	4	
JOHNSON HARRIETTE F	128 YU	UC	2	
JOHNSON HENRY DOUGLAS	3A BU BX 3082	GR	5	
JOHNSON HERBERT C JR	PKT HSE	UC	2	
JOHNSON HOWARD ROSS	116 SW 7TH ST	BA	4	
JOHNSON ISAAC RICHARD	466 MU	UC	1	
JOHNSON JAMES C	BX 2214	GR	5	
JOHNSON JAMES WM	1624 NW 2ND AVE	AR	4	
JOHNSON JAS HARRISON		UC	2	
JOHNSON JOHN FRANK	741 SW 2ND AVE	GR	5	
JOHNSON JOHN G JR	GEN DEL U STA	UC	2	
JOHNSON JOHN M	103 NE 5TH ST	GR	5	8508
JOHNSON JOHNNY HARDEE	COMMUTES LAKE CITY	GR	5	
JOHNSON LACY EARL	PDT HSE	EG	4	
JOHNSON LEON ERNEST	1325 NW 3RD PL	UC	2	
JOHNSON LESLIE JAMES	PDT HSE	FY	4	
JOHNSON LESTER R JR	18 BU PDT HSE	UC	2	
JOHNSON LOLA C RHODEN	COMMUTES JAX	ED	4	
JOHNSON LOZIE WOOTEN	COMMUTES PALATKA	ED	3	
JOHNSON LUCIUS COUNTS	622 TO	UC	1	
JOHNSON MALCOLM	BTPI HSE	UC	2	4131
JOHNSON MALLORY L	108 TH GEN DEL U STA	UC	2	
JOHNSON MARY HOLT	274 RI	UC	2	
JOHNSON MCMILLAN H	1617 NW 12TH RD RT 5	GR	5	4876
JOHNSON NEDRA K	RT 5 1617 NW 12TH RD	GR	5	4876
JOHNSON RALPH ALLEN	DC HSE	GR	5	7429
JOHNSON RICHARD C	DORM A BX 3029	UC	1	
JOHNSON ROBERT A	RT 3 BX 279A	UC	2	
JOHNSON ROBERT E L	110 NW 7TH TER	UC	2	
JOHNSON ROBERT LEE	222 N W 3RD AVE	UC	2	
JOHNSON ROBT OLIVER	1735 NW 2ND AVE	UC	2	
JOHNSON ROBERT PETER	1218 NW 3RD AVE	AS	3	
JOHNSON ROBERT TRUE	763 NO	UC	1	
JOHNSON ROBERT WM	1630 NW 2ND AVE	UC	2	
JOHNSON ROGER ALVIN	91 TH BX 3005	GR	5	
JOHNSON SARAH ALICE	1117 NW 1ST PL	UC	2	
JOHNSON STEVE BASCOM	1023 WE	UC	1	
JOHNSON THOMAS E	624 TO	UC	1	
JOHNSON WALLACE THOS	COMMUTES OCALA	EG	4	
JOHNSON WALTER R JR	910 SO	UC	1	
JOHNSON WM ALFRED	2 DORM R	UC	1	
JOHNSON WILLIAM CLYDE	1113 NW 42TH AVE	UC	2	
JOHNSON WILLIAM L	1613 NW SEC AVE	UC	2	
JOHNSTON BETTY JEAN	326 SW 3RD AVE	UC	2	5583
JOHNSTON EDGAR JOSEPH	506 MU DTD HSE	ED	4	
JOHNSTON HAROLD IVAN	21 SW 6TH ST	AG	4	4592
JOHNSTON JOHN W JR	103 SW 12TH ST	PH	4	
JOHNSTON MARY FRANCES	214 NW 14TH ST	GR	5	6558
JOHNSTON WILLIAM E M	UNIV MANOR	EG	4	
JOHNSTON WILLIAM JOS	29 FR BX 2267	EG	4	
JOINER CHARLES D	COMMUTES MC INTOSH	BA	3	1510
JOINER HUBERT RUSSELL	364 MU GEN DEL U STA	UC	2	

JOINER	JAMES WM	75A TH GEN DEL U STA	UC	2	
JOINER	O L JR	407 SW 13TH ST	UC	2	7053
JOLLEY	RICHARD FRANK	1116 SW IND AVE	AG	4	
JOLLY	ROBERT HENRY	241 FR GEN DEL U STA	UC	2	
JONES	ASBURY H JR	1022 WE	UC	1	
JONES	BERTHA ADA	COMMUTES WILDWOOD	GR	5	
JONES	BOB MARTIN	1247 W UNIV	FY	3	9107
JONES	CAREY ELMORE	431 MU BX 2726	PH	4	
JONES	CAROLYN LOUISE	316 NE 1ST	ED	3	3583
JONES	CECILE M	COMMUTES HILLIARD	GR	5	
JONES	CHARLES ALBERT	1233 SW 13TH AVE	UC	2	4877
JONES	CHARLES FRED	CLO HSE	BA	3	620
JONES	CHARLES LEE	466 MU GEN DEL U STA	UC	2	
JONES	CHARLIE DOYLE	DORM L GEN DEL U STA	UC	1	
JONES	DARRELL MOON	218C FLAVET 3	GR	5	
JONES	DEMPSEY BRYAN	KA HSE	AS	3	
JONES	DOROTHY L	COMMUTES JAX	ED	3	
JONES	DOUGLAS EDWIN	162 SD GEN DEL U STA	FY	4	
JONES	DOYLE LELAND	246 FR BX 2588	EG	4	
JONES	ELISE CECILE	545 NE 10TH AVE	GR	5	3065
JONES	EUSTACE F	287 FR GEN DEL	PE	3	
JONES	EVA JANETTE	COMMUTES STARKE	UC	2	
JONES	FLORENCE JOYCE	82 MA	UC	1	
JONES	FRAZIER CLORAN	COMMUTES OCALA	UC	2	
JONES	GEORGE R JR	LCA HSE	UC	2	8663
JONES	GLENN WM	9 DORM K	UC	1	
JONES	HARRIET T B	36 GROVE HALL	AS	3	
JONES	HARRIS QUILLIAN	1625 NW 3RD AVE	UC	2	
JONES	HOWARD LEON	410 NW 13TH ST	UC	2	
JONES	HOWARD S	1209 W UNIV	UC	2	3745
JONES	JACK EDENFIELD	PDT HSE	UC	2	
JONES	JACK HOWARD	245B FLAVET 3	PH	4	
JONES	JAMES THOMAS	110 NW 9TH TER	GR	5	
JONES	JOHN MYRON	105 TH BX 2698	UC	2	
JONES	JOHN WALTER	ARCHER RD BX 171B	PH	3	
JONES	JOSEPH LEONARD	221B FLAVET 3	GR	5	
JONES	JOSEPH WATKINS	117 N W 15TH ST	UC	2	6203
JONES	JUNE ANNA G	1239 NW 10TH AVE	GR	5	6949
JONES	LAWRENCE IRWIN	124 SD GEN DEL U STA	UC	2	
JONES	LOIS MURIEL	210 NW 15TH ST	UC	2	6118
JONES	MADISON PERCY	1417 NW 6TH PL	GR	5	
JONES	MARK WALLON	1239 NW 10TH AVE	GR	5	6949
JONES	MORGAN FREDK	741 SW 2ND AVE	LW	2	
JONES	MYRA LUCE	110 NW 9TH TER	GR	5	
JONES	RALPH HOWELL	HOUSING OFFICE	UC	2	
JONES	RICHARD WILLIAM	PKT HSE BX 2717	UC	2	8623
JONES	ROBERT BARTOW	32 BU GEN DEL U STA	PH	3	
JONES	ROBERT EUGENE	COMMUTES SILVER SPRG	GR	5	
JONES	ROBERT NORRIS	928 SO	UC	1	
JONES	ROBERT READ	214D FLAVET 3	EG	4	
JONES	ROY ELMER	129 SD GEN DEL U STA	UC	2	
JONES	RUBY G	COMMUTES MACCLENNY	ED	3	
JONES	SAM PAUL JR	COMMUTES WILDWOOD	GR	5	
JONES	THEE ALLAN	PDT HSE	UC	2	
JONES	TROY H JR	724 NE 4TH ST	AS	3	
JONES	VINCENT MORRIS	1420 W UNIV	AG	4	5152
JONES	WAYLAND JR		UC	2	
JONES	WM HUGH JR	1105 NW 6TH ST	GR	5	4000
JONES	WILLIAM ELLIS	1214 1ST AVE	GR	5	7312
JONES	WILLIAM NEWTON	43 FLAVET 1	ED	3	
JONES	WILLIAM R JR	159 SD BX 2107	UC	2	
JONSSON	CLAES H	617 TO	UC	1	
JORDAN	CONSTANCE E	35 GR GEN DEL U STA	UC	2	
JORDAN	JAMES THOMAS	73 TH BX 2592	UC	2	
JORDAN	HAROLD DARBY	306 NW 16TH ST	AS	4	
JORDON	JAMES WESLEY	COMMUTES TAMPA	GR	5	
JORDAN	JOANNE Y	265 RI	UC	2	
JORDAN	JOHN WESLEY	POULTRY LAB	AG	3	
JORDAN	LELAND	214 NW 14TH ST	UC	2	
JORDAN	LENNON GUY JR	GA SEAGLE HALL	BA	3	
JORDAN	THOMAS MINNICH	168 SU BX 2783	AS	4	
JORDAN	WM REYNIER	ATO HSE	UC	2	
JORGENSEN	OTTO JUEL	TC HE	UC	2	4814
JOSELOFF	DORIS RUTH	210 RI	UC	1	
JOSEPH	EDWIN BIBB	BTPI HSE	AS	4	

JOSEPH LEWIS MARTIN	PILP HSE BX 2658	BA	3	9843
JOWERS RAY EARL JR	122 SD GEN DEL U STA	UC	2	
JOY NEILL RANDOLPH	10 DORM K GEN DEL U	UC	1	
JOYCE JAMES HUGH	117 NW 15TH ST	UC	2	
JOYCE MARY ELLA	1202 SW 1ST AVE	BA	3	
JOYNER FRANCES A	145 TU	UC	1	
JOYNER FRANKLIN PERCY	COMMUTES PALATKA	GR	5	
JUDGE BRYAN WILLIAM	243T FLAVET 3	AG	3	
JUDGE JANE CAPPEL	FLAVET 3 APT 243T	UC	2	
JUDGE MARION	50 MA	UC	1	
JUDSON THOMAS WALTER	215 FR BX 2068	UC	2	
JUKES HERBERT	919 SW 6TH AVE	GR	5	
JUNG MARY LOIS	1518 NW 1ST PL	GR	5	
JURADO JOHN NORIEGA	1621 NW 3RD PL	UC	2	
JUSTICE BETTY JO	401 4TH AVE GEN DEL	UC	1	
JUSTICE MARCUS T	485 MU GEN DEL U STA	UC	1	
JUSTICE ROMER BAER	394 MU GEN DEL U STA	UC	2	
JUSTISS WILL ALAN	84W FLAVET 1	AS	3	
JUSTUS GLADYS N	KD HSE 1125 SW 2ND A	UC	2	8963

K

KAEGI BENJAMIN M	1037 WE	UC	1	
KAEGI FRANCIS HENRY	1037 WE	UC	1	
KAEHN FRANK ESPY	254U FLAVET 3	AR	4	
KAELBER CHARLES JACOB	229U FLAVET 3	ED	3	
KAHN CAROL FAYE	108 YU	UC	1	
KAHN MELVIN A	125 SD BX 2519	UC	2	
KAHN MYRON RUSSELL	949 WE	UC	1	
KAHN ROBERT LOUIS	692 TO	UC	1	
KAHN RONALD EDWIN	619 TO	UC	1	
KAHN SANDERS ARTHUR	1716 NW 2ND AVE	GR	5	7489
KAHN WILLIAM J	PILP HSE	UC	2	918
KAIN FRANCIS THOS	249S FLAVET 3	AS	3	
KALEMERIS JAMES GEO	233 DESOTO	AR	4	
KALER GERALDINE E	COMMUTES ST AUG	GR	5	
KALER LEONARD	1102 NW 3RD AVE	UC	2	5889
KALER WM THOMAS	322 MU GEN DEL U STA	UC	2	
KALKINES HARRY	252R FLAVET 3	AS	4	
KALKMAN ROBERT HENRY	255U FLAVET 3	UC	2	
KALOGRIDIS TONY	SN HSE	PH	3	7353
KAMIN AVIVA	106 YU	UC	1	
KAMMAN HENRY EDWARD	21 DORM N	EG	3	
KANDEL IRWIN	6 DORM R GEN DEL	UC	1	
KANE WILTON ROGERS	449 MU GEN DEL U STA	GR	5	
KANNER RICHARD AARON	977 WE	UC	1	
KANT SEYMOUR	309 NW 12TH ST	PH	3	8322
KANTER EUGENE SALEM	29A BU BX 2427	AS	4	
KAPLAN BERNARD	87A TH GEN DEL U STA	UC	2	
KAPLAN EARL JACK	692 TO	UC	1	
KAPLAN KENNETH D	645 TO	UC	1	
KAPLAN MAE	114 YU	UC	1	
KAPLAN MARTIN AARON	PLP HSE	UC	1	
KAPUA CLETO	50 DORM K GEN DEL U	UC	1	
KARA ZOLTAN KURATOR	1636 NW 6TH AVE	LW	3	5068
KARABINIS NICHOLAS A	722 SE 5TH AVE	UC	2	
KARAPHILLIS GEORGE T	COMMUTES BROOKSVILLE	GR	5	
KARAPHILLIS MIKE J	958 WE	UC	1	
KARHU VICTOR JOHN	227 NW 15TH AVE	GR	5	
KARNS MARTIN E	908 TH GEN DEL	UC	2	
KASAN EMIL ALBERT	70 TH GEN DEL U STA	UC	2	
KASTER JAMES WOOD	391 MU BX 2208	BA	4	
KASTOR JOSEPH R	302 NW 7TH TER	UC	2	
KATES ROBERT FRANCIS	GEO SEAGLE HALL	UC	2	
KATIBA JOSEPH J JR	164 SD FLA UNION	EG	3	
KATZ FLORENCE	275 RI	UC	2	
KATZ FRED	15 DORM L GEN DEL U	UC	2	
KAUFFMAN FRANKLIN D	1840 NW 2ND AV	UC	2	
KAUFFMAN MEIER H	199 SD	UC	2	
KAUFMAN DAVID K	910 SO	UC	1	
KAUFMAN HERMAN	123 W UNIV	UC	2	8863
KAUFMAN IRVING	216 SW 1ST ST	GR	5	

KAUFMAN KERBY JOHN	1806 NW 2ND AVE	UC	2	
KAUFMES GEORGE FRED	1404 E UNIV	UC	2	
KAY ROBERT O JR	327 NW 15TH TERR	UC	2	
KAYSER JOHN JR	651 TO GEN DEL U STA	UC	1	
KEARNEY FRANK J III	PDT HSE	UC	2	3761
KEARNEY JAMES FRED	16 BU BX 2137	UC	2	
KEATING PAUL POCHER	CRANE HALL	UC	2	
KEATING RICHARD	ATO HSE	LW	1	
KEEBLER WILLIAM CARL	TO 6188	UC	1	
KEEN LLOYD WIGGINS	447 MU GEN DEL U STA	UC	2	
KEISLING NORMA ANN	ZTA HSE	ED	3	
KEITH DONALD HAVENS	239C FLAVET 3	AS	4	
KELLAM BILLIE WAYNE	GEN DEL U STA	AR	3	
KELLEY EOGHAN NEWMAN	1702 W UNIV	UC	2	
KELLEY EUSTACE LEE	1002 W UNIV	FY	4	
KELLEY EVA MAE	COMMUTES PALATKA	UC	2	
KELLEY JOHN BRADLEY	210C FLAVET 3	LW	3	
KELLEY PATRICK ALMER	BX 2008	LW	2	
KELLOGG CHARLES H	14 DORM B GEN DEL U	UC	2	
KELLUM FRANCIS WM	149 FLAVET 2	EG	3	
KELLY BILLY B	97A TH	UC	2	
KELLY BROOKER MIKEY	496 MU GEN DEL U STA	UC	2	
KELLY BRUCE WM	206 NW 2ND ST	GR	5	7629
KELLY CLEMENT M	19 DORM O PDT HSE	UC	2	
KELLY CHARLES J	1029 NE 10TH PL	GR	5	5060
KELLY DORIS JOYCE	172 YU	UC	1	
KELLY GEORGE DAVID	914 SW 6TH TER	UC	2	
KELLY ISAAC PERRY	405 NE 5TH AVE	UC	2	
KELLY JEAN	210 NW 15TH	PH	4	
KELLY JOAN CATHRYN	AOPI HSE	UC	2	6563
KELLY LILLIAN K	COMMUTES JAX	GR	5	
KELLY MARGARET G	205 N E 3RD ST	GR	5	
KELLY WM HALE	205 NE 3RD ST	GR	5	
KELSHEIMER CAROLYN J	17 GR	ED	3	
KEMP JAMES OTIS	215 NW 15TH ST	UC	2	6576
KEMP HAROLD L	413 NE 1ST AVE	PH	3	
KEMP WILLIAM HOLLAND	446 MU GEN DEL U STA	AG	4	
KENDALL WILLIAM L JR	1017 SW 1ST AVE	UC	1	
KENDRICK WM JACKSON	729 N W 10TH AVE	BA	4	6010
KENNA ROWLAND ALAN	PIKP HSE	AS	3	
KENNARD CHARLES F	BX 2814	UC	2	
KENNEDAY JOHN WALDROP	212C FLAVET 3	GR	5	
KENNEDY HARRY PHILLIP	236D FLAVET 3	BA	3	
KENNEDY HAYES L	PGD HSE	BA	4	
KENNEDY HUBERT C	CRANE HALL	UC	2	
KENNEDY JOHN MICHAEL	139 FLAVET 2	GR	5	
KENNELLY FRANCIS B	704 TO	UC	1	
KENNEY BOB TEX	507 MU GEN DEL U STA	ED	3	
KENT JOANNE	152 YU	UC	1	
KENT LEWIS HALL	675 TO	UC	1	
KENT RICHARD BURRIS	948 WE GEN DEL U STA	UC	1	
KENT SELDEN GOURLEY	343 MU PDT HSE	AS	3	
KENT WM ELVOYE	COMMUTES LAKE CITY	GR	5	
KENYON ROGER F	PIKA HSE	UC	2	
KEOGH RICHARD WENDELL	BOCKLERS TR CT	UC	2	
KEON JAMES F	202R FLAVET 3	LW	1	
KEPHART RALPH CLAUDE	COMMUTES INTERLACHEN	GR	5	
KERBEN DAVID	WEAVER 957 GEN DEL U	UC	2	
KERCHER EDWARD JOHN	WE	UC	1	
KERLEY CHAS ROBT	2 BU BX 3067	AR	4	
KERNAN JOHN GREGORY	508 N MAIN ST	UC	2	
KERNS HOLCOMB W	326 FR BX 2755	JM	3	
KERNS KATHRYN JOAN	ZTA HSE	UC	2	
KERR FRANKLIN V	1 DORM C GEN DEL U S	UC	2	
KERR JAMES KNOX JR	SAE HSE	LW	2	
KERRIGAN THOMAS A	425 NW 19TH AVE	AS	6	
KERSEY GWENDOLYN M	19 GR GEN DEL U STA	AS	4	
KERSEY HAL CLEWERS	323 NW 12TH ST	UC	2	6983
KERSEY JOHN CECIL	384 MU GEN DEL U STA	UC	2	
KERSEY JOYCE ELAINE	DG HSE	UC	2	8780
KESLER FOSTER B	COMMUTES NEWBERRY	UC	2	
KESSLER WILLIAM J	413 NW 3RD AVE	UC	2	
KESTENBAUM HARRIET	170 YU	UC	1	
KESTENBAUM JEROME		GR	5	
KETCHUM WM RABUN	709 TO	UC	1	

KEYES KARL CARROLL	129 FLAVET 2	GR	5	
KICKLITER GEORGE PAUL	3 DORM S GEN DEL U SUC		1	
KIDD REX CHARLES	311 NW 14TH ST	GR	5	
KIEHL JOHN RICHARD	219 FR GEN DEL U STAUC		2	
KIELY GLADYS EURYL	1113 W UNIV	GR	5	
KIESELBACH CHARLES A	178 SD GEN DEL U STAUC		2	
KIIBLER RICHARD EMIL	100 TH	UC	2	
KIKER ROBERT JOSEPH	2154 W UNIV	AS	4	8083
KILGORE NEWELL SUE	71 MA	UC	1	
KILLGORE WALTER D	512 N MAIN ST	UC	2	
KILPATRICK ROYCE L	414 NE 5TH AVE	LW	1	8066
KILPATRICK WM HARRELL	920 SO	UC	1	
KIMBROUGH JACK EHRMANC	P HSE	PE	4	
KIMMEL ALBERT LOUIS	407 S E 6TH TERR	GR	5	8986
KIMMEL DANIEL DEAN	22 FLAVET 1	AR	4	
KIMURA ROBERT	306 FR BX 2306	BA	3	
KINCHEN WAYNE T	COMMUTES MELROSE	UC	1	2261
KINDRED THOMAS R L	DORM M22	UC	1	
KING BYRON H	723 SW 9TH ST	UC	2	7988
KING CHARLES MICHAEL	COMMUTES CLEARWATER	GR	5	
KING CLIFFORD ANDREW	BX 469	UC	2	4452
KING EDWARD IRA	944A WE	UC	1	
KING EDWARD L	RT 2 BX 184	ED	4	
KING GEORGE WILLIAM	835 E UNIV BX 2724	ED	3	
KING HERBERT EDGAR	TEP HSE BX 551	BA	4	8863
KING J T	RT 2 BX 92A	LW	1	4643
KING JAMES ALFRED	HIBISCUS PARK	UC	1	4447
KING JAMES L	1214 SW 1ST AVE	LW	1	
KING JOE PYRAM JR	703 TO	UC	1	
KING JOHN HILTON	251S FLAVET 3	LW	1	
KING JOHN THOMAS	144 FLAVET 2	AG	3	
KING LEILA ESTHER	215 RI	UC	1	
KING LEON ALFRED	SN HSE	GR	5	7353
KING LOUIS DELWIN	15 DORM I	GR	5	
KING MARY SMITH	835E UNIV BX 2724	AS	3	
KING ROY	RT 2 BX 92A	LW	1	
KING RILEY SMITH	DORM I	AG	6	
KING WILLIAM C JR	MU ATHLETIC DEPT	UC	2	
KING WILLIAM HENRY	306 FR BX 2360	UC	2	
KINGHAM RICHARD G	1000 WE	UC	1	
KINGSBURY JOAN	1318 NW 3RD	GR	5	
KINNEY FRANK KIMBALL	1830 NW 2ND AVE	GR	5	
KINNEY RALPH ARDEN	161 SD GEN DEL U STAUC		2	
KINSEY RICHARD R	GEO SEAGLE HALL	UC	1	8963
KINSEY WALDO B JR	646 TO	UC	1	
KINSLOE RUPERT CHAS	639 TO	UC	1	
KIPP HENRY MATTHEW	1219 W UNIV	AS	4	8663
KIRBY JOHN LUCIUS	SAE HSE	UC	2	
KIRBY LAMAR F JR	SN HSE	EG	4	
KIRBY MARION ARTHUR	963 WE	UC	1	
KIRCHOF CLIFFORD EARL	FL N 288 GEN DEL	UC	2	
KIRK ROSA ELIZABETH	604 SW 13TH AVE	UC	2	9832
KIRK THOMAS S JR	993 WE	UC	1	
KIRK VELMA LOUISE	604 NE 13TH TER	UC	2	9832
KIRKER EUGENE ALBERT	645 TO	UC	1	
KIRKLAND MALOY EUGENE	666 TO	UC	1	
KIRKLAND MARTIN C JR	GEN DEL U STA	AS	3	
KIRKLAND ROBERT OLIN	214 NW 14TH ST	UC	2	
KIRKLAND WESLEY R	PIKA HSE	BA	3	9037
KIRKPATRICK AUDREY L	251 RI	UC	2	
KIRKPATRICK GEORGE R	3B BU GEN DEL U STA	AS	3	
KIRKPATRICK JEFFERSON	SD166A BX 3051	UC	2	
KIRST JOHN AVERY	686 TO	UC	1	
KIRST MARY JANE	911 SW 1ST AVE	GR	5	5059
KIRSTEIN ARTHUR FRED	413 SE 2ND ST	EG	3	
KIRTLAND JACK PITMAN	1021 W 10TH ST	PE	4	
KIRTON EDNA EARL	BX 2811	AR	4	
KIRVEN MARION SUSAN	252 RI	UC	2	
KISCADEN DONALD C	RT 2 BX 278	GR	5	
KISER RUSSELL EUGENE	117 SW 12TH ST	UC	2	
KISHNER IRWIN	641 TO	UC	1	
KISSAM BARBARA METZE	503 NW 3RD AVE	GR	5	6469
KISSAM EDWARD BERNARD	503 3RD AVE NW	AS	4	
KISSHAUER DUANE PAUL	2109 NW 13TH ST	UC	2	3102
KISSNER RUDOLPH J	6 DORM S BX 2792	UC	1	

KITCHEN NELLIE W	COMMUTES BROOKSVILLE	GR	5	
KITE ALBERT MALVIN	772 NO	UC	1	
KITTEL ROBERT EDGAR	52 O FLAVET 1	GR	5	
KITTLESON HENRY M	726 TO	LW	1	
KITTREDGE PAUL M	39L FLAVET 1	GR	5	
KIVEL BENNETT	291 FR BX 2594	GR	5	
KLEIN DONALD WALKER	179 SD BX 3086	GR	5	9155
KLEIN GEORGE FRANCIS	SN HSE	UC	2	7353
KLEIN JOHN	1614 NW 2ND AVE	UC	2	
KLEIN MARILYN J	1105 SW 7TH AVE	UC	2	
KLEIN WM EMIL	1219 W UNIV	UC	2	8663
KLEMM ARTHUR RICHARD	32 SW 2ND ST	UC	2	3485
KLIEVES HAROLD A	8 DORM B BX 2723	EG	3	
KLIMES GEORGE E	1614 N W 3RD PL	UC	2	
KLINZING HOWARD LOUIS	1105 NW 1ST PL	AR	4	
KLOEPPEL FREDERICK A	428 MU SN HSE	AG	4	
KLONIS CONSTANTINE L	209 SW 8TH ST	AR	3	
KNABB MARY ANITA	1106 SW 4TH AVE	UC	2	
KNECHT JAMES LOUIS	DORM B GEN DEL U STA	UC	2	
KNIFFIN JOHN WILMOT	104 21ST ST	UC	2	5008
KNIGHT BOBBY V	496 MU GEN DEL U STA	UC	2	
KNIGHT CHARLES ERNEST	74B TH	AG	3	
KNIGHT CHAS FRASUER	437 MU SAE HSE	UC	2	
KNIGHT CHARLEY L	1934 LEON ST	UC	2	
KNIGHT DEWITT	232R FLAVET 3	AS	3	
KNIGHT JOHN R	906 NE 9TH AVE	GR	5	
KNIGHT JOSEPH M JR	KA HSE	AG	3	8883
KNIGHT LON DANIEL	1623 NW 1ST AVE	UC	2	
KNIGHT LOYD ALDEN	358 MU GEN DEL U STA	AG	4	
KNIGHT MARILYN ANNE	316 NW 17TH ST	UC	2	
KNIGHT RALPH EDWARD	1641 NW 1ST AVE	AS	3	
KNIGHT ROBERT DAVID	BTPI HSE	AS	3	
KNIGHT ROBERT J III	386 MU BX 2283	AG	4	
KNIGHT RUTH K FREEMAN	1206 NW 12TH AVE	AS	4	5471
KNIGHT WM MIMS JR	707 TO	UC	1	
KNIPE RAY J	93Y FLAVET 1	BA	4	
KNIPPEN RALPH ARTHUR	945 WE 828 SO	UC	1	
KNOCHE JACK FREDRICK	1 BU BX 3033	BA	4	
KNOPE JOHN KING	CRANE HALL	UC	2	
KNOTTS BETTY JEAN	1102 NW 4TH AVE	UC	2	
KNOTTS WILLIAM H				
KNOWLES CHARLES D JR	334 MU GEN DEL	AS	4	
KNOWLES CHAS HANFORD	MU SN HSE	UC	2	
KNOWLES CLARENCE D	10 DORM L	UC	1	
KNOWLES CURTIS M	37A BU BX 2751	UC	2	
KNOWLES DON CHARLES	677 TO	UC	1	
KNOWLES JAMES H	21 DORM N	UC	2	
KNOWLES JOHN HUNTER	677 TO	UC	1	
KNOWLES ROBERT E	SAE HSE	LW	2	
KNOX GERTRUDE FRANCES	1009 NW 3RD AVE	GR	5	
KNOX JOHN EDWARD	778 NO	UC	1	
KNUTH PHILIP A	COMMUTES ST PETE	GR	5	
KOBLEY STEPHEN JOSEPH	888 SO	UC	1	
KOCH PATTY ANN	123 GR	UC	2	
KOEN ROSS Y	1817 NW 12TH TER	GR	5	4903
KOENIG JEAN CAROL	86 MA	UC	1	
KOENIG WM JOSEPH	385 MU PIKA HSE	BA	3	
KOFKA PHYLLIS	186 YU	UC	1	
KOFSKI GORDON BENNETT		AS	3	
KOGER EDWARD RICHARD	SAE HSE	UC	2	
KOHN STEWART L	TEP HSE	UC	2	8863
KOHUT STANLEY	239D FLAVET 3	UC	2	
KOLB CARTER MARION JR	LONILAIR M 11	UC	1	
KOLB CARTER MARION SR	11 MICHAEL	UC	1	
KOLB PATRICIA B	11 MICHAEL	UC	1	4378
KOLBER BARBARA L	110 YU	UC	1	
KOO ROBERT C J	716 NE 4TH AVE	GR	5	8084
KOOKER MARY FLOY	2 MA BX 2	AS	4	
KOON JULIUS MARTIN	52 TH KA HSE	BA	4	
KOON ROYCE ALBERT	165 SD GEN DEL U STA	EG	3	
KOPELOWITZ MARILYN	430 NE 7TH ST	AS	3	7813
KOPONEN ARTHUR	FOREST PARK BX 2059	GR	5	
KOPOREC DANIEL S	1007 WE	UC	1	
KORELLO JOHN TARAS	214 NW 14TH ST	AR	3	
KORP WILLIAM ROBERT	724 TO	UC	1	

KORUTURK SADI S	1119 SW 1ST AVE	GR	5	4573
KOSTKA RUDOLPH JR	228 B FLAVET 3	BA	4	
KOTKIN SIDNEY LEONARD	2 DORM B BX 2361	AR	4	
KOTLER GEORGE J	682 TO	UC	2	
KOVAR FRANK RUDOLPH	98 TH GEN DEL U STA	UC	2	
KOVNAT SAMUEL A	949 WEAVER HALL	UC	2	
KOWKABANY DANNY A	739 TO	UC	1	
KOWKABANY FRED	444 MU GEN DEL U STAAS		4	
KRAFT HERBERT B JR	111 NW 19TH ST	UC	2	
KRAMER DAVID	311 NW 17TH ST	PH	4	
KRAMER GORDON JOSEPH	208A FLAVET 3	ED	4	
KRAMER JOHN CLARENCE	SC HSE 266 FR	UC	2	
KRAMER MYRON FRANK	APT 306 NW 16TH ST	UC	2	
KRAMER RICHARD KAY	1250 SW 3RD AVE	LW	1	
KRANTZOW EDYTHE	247 RI	UC	2	
KRASNER ANNETTE EDYTH	1013 SW 4TH AVE	BA	4	3577
KRAUSS EMILY CAROLINE	103 GR	UC	2	
KRAWCZYK JEROME W	64 TH GEN DEL U STA	UC	2	
KRECHTING ROBERT E	421 MA	UC	2	
KRENTZMAN SAMUEL	359 MU	ED	4	
KREPS JOANNE DESIREE	224 RI	UC	1	
KRESHKA EMIL N	BOYS CLUB	UC	2	
KRESTENSEN ELROY R	237S FLAVET 3	GR	5	
KRESTUL NATHAN	383 MU GEN DEL U STA	BA	3	
KRETSCHMAR ERNEST L	133 NW 15TH ST	GR	5	
KRIBBS JAMES CLARENCE	1112 SW 1ST AVE	UC	1	
KRIM FREDERICK JOS	214S FLAVET 3	LW	2	
KRIST FRANCIS JOSEPH	309 FR GEN DEL U STA	UC	2	
KRIVOSHEIN AMOS	1022 NW 3RD AVE	EG	4	3925
KROPP VIRGIL LEWIS	974 WE	UC	1	
KRUEGER ALBERT R	1420 W UNIV	UC	1	
KRUGER ALTA MAE	1611 NW 2ND PL	PH	3	
KRUSE ALBERT GEORGE	COMMUTES STARKE	ED	6	
KRUSE ELBERT HAROLD	3006 NW 13TH ST	UC	1	4766
KRUSE MARY JOYCE	55 GR	UC	2	
KUENZ EMMA GRACE	120 GR GEN DEL U STA	UC	2	
KUENZLER EDWARD J JR	KS HSE	AS	4	
KUHL RAYMOND D	66A TH GEN DEL U STA	UC	2	
KUHN OLIVER WALL	SAE HSE	UC	2	
KULCHIN BERNARD A	411 MU BX 2905	UC	2	
KULLMAR KENNETH D	BTPI HSE	BA	3	4171
KULP EVELYN LORETTA	239 RI	UC	2	
KULWICH ROMAN	234R FLAVET 3	GR	5	
KUNBERGER GEORGE L	18 NW 17TH ST	UC	2	
KUNEMAN MARY ALICE	9 MA	UC	1	
KUNKEL WILLIAM R	115 NW 10TH ST	UC	2	
KUNNEN FRANK CARL	17 DORM M	UC	1	
KUOKKA AZULOY MCCALL		GR	5	
KURTH JEROME JAMES	1620 W UNIV	UC	2	
KURZ MARGARET JEAN	CO HSE	UC	2	
KURZWEIL ALAN	1123 UNIV BX 551	UC	2	8863
KURZWEIL LEWIS J	551 TEP HSE	UC	1	
KUSHMER GEORGE ELY	197 SD GEN DEL U ST	UC	2	
KUTROW JAMES RICHARD	ATO HSE	EG	3	4463
KYLE WILLIAM CABOT	216B FLAVET 3	GR	5	

L

LABORDE JOSEPH NEWTON	890 W MASONIC BX 225	AR	4	
LACY CYNTHIA ANN	45 MA	UC	1	
LADD DANIEL	1734 1ST AVE	EG	3	
LADD THOMAS BERNARD	244E FLAVET 3	GR	5	
LAFFE PETER SAKS	DORM M GEN DEL U STA	UC	1	
LAFON JAMES HARVEY	84B TH	ED	4	
LAGANO ALBERT JOSEPH	886 SO	UC	1	
LAGASSE PAUL EMILE	14 NE 10TH ST	UC	1	7070
LAGASSE RICHARD H	14 NE 10TH ST	UC	2	7070
LAGASSE ROBT ALFRED	14 NE 10TH ST	UC	2	7070
LAGERGREN WALTER B	15 DORM B	LW	1	
LAGREW JOSEPH E	1021 WE	UC	1	
LAHR ROBERT SCOTT	1625 NW 3RD AVE	UC	2	9937
LAIN NORMAN GENE	195 SD GEN DEL U STA	UC	2	

LAING ELIZ MARION	DG HSE	ED	4	8780
LAIRD DOROTHY S	1104 SW 7TH AVE	GR	5	
LAIRD DOZIER T	1104 SW 7TH AVE	GR	5	
LAIRD JOHN SIDNEY	208 NW 16TH ST	UC	2	
LAIRD WALLACE HILTON	KS HSE	UC	2	842
LAJE LUIS JULIAN	211 FR GEN DEL U STA	GR	5	
LAKE EUGENE RUSSELL	123 SD BX 2267	UC	2	
LAKE IRVING WATSON	833 TOLBERT	UC	2	
LAKE NOEL REESE	232 FR GEN DEL U STA	AG	4	
LAKEN RICHARD	1105 W UNIV	BA	3	
LAMB CORAM ROGER	CP HSE	UC	2	8783
LAMB CULLEN WILSON	936 SO GEN DEL U STA	UC	2	
LAMB ELLIS LESTER	513 MU GEN DEL U STA	AG	3	
LAMB JAMES EMORY	1508 NW 1ST LANE	UC	2	
LAMB MARGARET FRANCES	GR	UC	2	
LAMB MURIEL D	259 RI	UC	2	
LAMB PHILLIP L	716 NW 8TH PL	BA	4	
LAMB RICHARD NORMAN	987 WE	UC	1	
LAMB ROBERT WARD	8 DORM O	UC	2	
LAMBERT BLAKE W	1921 NW 2ND AVE	EG	4	4870
LAMBETH GEORGE STUART	419 MU BX 2511	AG	3	
LAMILIA LEONARD	1116 SW 2ND AVE	BA	4	
LAMONT THAIR GILBERT	68 TH GEN DEL U STA	UC	2	
LAMONTE ARCHIBALD D	115 SD	UC	2	
LANCASTER TOMMY K	87 TH GEN DEL U STA	UC	2	
LANCE CAROLL GRIFFIN	913 SO	UC	1	
LANCE IRENE STANTON	266 RI	AS	3	
LAND ALMOS EUGENE	702 TO	UC	1	
LAND ALVIN LEROY	1420 W UNIV	UC	2	
LAND COLLIS HILL	1030 SW 7TH AVE	GR	5	
LANDETA PHILIP SILVIO	FL M 282 BX 2408	UC	2	
LANDRUM R IDELL	COMMUTES STARKE	UC	2	
LANDSMAN ALLAN STUART	86A TH GEN DEL U STA	UC	2	
LANDT EDWARD P JR	GEN DEL U STA	UC	2	
LANDY DECIO FRED	11 DORM N CRANE HALL	UC	2	
KORMANIK NICK	COMMUTES BROOKSVILLE	GR	5	
LANE JAMES GILBERT	9 DORM S GEN DEL U SU	UC	1	
LANE ROBERT EARL	247 FR GEN DEL UNIV	UC	2	
LANE RYAN FRIER	ATO HSE	BA	4	4463
LANE WM PERRY	120 NW 15TH ST	AS	4	
LANG DAVID MILLER	329 NW 17TH ST	LW	1	4670
LANG HOWARD MACK	COMMUTES ARCHER	UC	1	
LANG LOIS MILLER	327 NW 17TH ST	BA	3	
LANGAN WILLIAM ELMER	380 MU PO BX 2095	UC	2	
LANGBEIN CHAS EDWARD	GEN DEL U STA	UC	2	
LANGFORD CHARLES P	1412 NW 3RD AVE	BA	4	3609
LANGFORD MARJORIE	42 MAIN ST	UC	1	
LANGFORD MILDRED LONG	ZTA HSE	AS	4	
LANGFORD RUIE ERNEST	117 NW 15TH ST	UC	1	
LANGFORD WILLARD F JR	272 FR KS HSE	UC	2	
LANGSTON REDDIN EDW	316 FR GEN DEL U STA	BA	3	
LANIER BETTY LU	KD HSE	AS	4	8963
LANIER DAVID F	2405 NW 7TH LANE	BA	4	
LANIER FRANK SAFFOLD	WE	UC	1	
LANIER JAMES WYLIE		GR	5	
LANIER MARGARET ANN	103 YU	UC	1	
LANIER THOMAS J JR	14A DORM B GEN DEL U	AG	3	
LANQUIST ELLIS	1105 NW 6TH ST	GR	5	5986
LANSILL NANCY	156 YU	UC	1	
LANTZ JAMES DONALD	427 MU BX 2369	EG	4	
LAPOINT HELEN PIERCE	1604 NW 4TH AVE	UC	2	
LAPOINTE CHARLES L	1604 NW 4TH AVE	UC	2	
LAPORTE RAYMOND E	16 DORM A	LW	1	
LAPRADD CHARLES WM	471 MU 1624 NW 7TH	PPE	3	
LARKIN CHARLES N	944A WE	UC	1	
LARKIN RICHARD LEE	9 DORM C DTD HSE	LW	1	
LARMON ROBERT C JR	1024 NW 11TH AVE	UC	2	4520
LARRANAGA JULIO CESAR	3 DORM B BX 2515	GR	5	
LARUSSA CHIRO	103 TH GEN DEL U STA	UC	2	
LASALLE CLARK	770 NO	UC	1	
LASCOLA HARRY REUBIN	11 DORM K GEN DEL	UC	1	
LASSITER WILLIAM GEO		AR	3	
LASTINGER ROBERT B	292A N W 13TH ST	UC	2	
LATHROP EUGENE C	188 BU BX 2413	LW	1	
LATOUR ARTHUR	307 NE 3RD ST	AR	4	

LAUGHERTY ROBERT JOS	PDT HSE	UC	2	
LAUGHNER WILLIAM J	1111 3RD AVE	PH	4	
LAURIA JIMMIE C	1504 W UNIV GEN DEL	UC	2	
LAUTER RONALD W	919 SW 6TH AVE	UC	1	5195
LAW BILLY CARLTON	654 TO	UC	1	
LAW FRANKLIN JAMES	GEN DEL U STA	UC	2	
LAW HERBERT MYRON	362 MU GEN DEL U STA	UC	2	
LAW LUCILLE WEEKS	COMMUTES BROOKSVILLE	GR	5	
LAW WILLIAM MARTIN	117 S W 12TH ST	UC	1	
LAWRENCE CLINTON B	PDT HSE	UC	2	
LAWRENCE CLUKE MANNAN	COMMUTES CLEWISTON	GR	5	
LAWRENCE KATHRYN W	1110 NW 16TH AVE	GR	5	5525
LAWRENCE NORTON JAMES	45 BU BX 2006	AS	4	
LAWS COLLIER HASTY	214 15TH ST	UC	2	
LAWSON CHARLES HENRY	927 NE 7TH AVE	UC	1	
LAWSON GEORGE ALFRED	902 SO	UC	1	
LAWSON JAMES FORREST	1105 NW 6TH ST	UC	2	
LAYFIELD JAMES WM	68A TH BX 2241	UC	2	
LAYTON JOHN LLOYD	646 TO	UC	1	
LAZARUS IRWIN MILTON	737 8TH AVE	BA	3	
LAZENBY EMILY W	COMMUTES JAX	GR	5	
LEA RUSSELL PAUL	913 SO	UC	1	
LEACH ANNE WINSHIP	22 MA	UC	1	
LEACH SAMUEL RAY	219S FLAVET 3	PH	3	
LEACH WM JOEL	GEN DEL U STA 388 MU	UC	2	
LEAF MARILYN JANE	928 SW 1ST AVE SK HS	UC	2	9863
LEAF RALPH LYNN	COMMUTES OCALA	AS	4	
LEAICH GLENDALE F	210T FLAVET 3	AR	3	
LEALMAN ROY EARL JR	224 FR BX 2584	EG	4	
LEASE ROBERT CARL	504 NE 4TH AVE	UC	2	
LEBARON DONALD L	SC HSE	BA	4	
LEBEUF EUGENE LEROY	7 DORM S GEN DEL U S	UC	1	
LEBLANC GEORGE AMEDEE	341 MU SAE HSE	UC	2	
LEBRON PLACIDO JR	368 MU BX 2694	BA	4	
LEDBETTER BARBARA ANN	167 YU	UC	1	
LEDDON JAMES FRANKLIN	RT 2 BX 278	PH	4	
LEE ANNE WALKER	618 SW 10TH ST	ED	3	9055
LEE AUBREY KENNETH	1514 NW 3RD AVE	UC	2	7408
LEE BARBARA GRACE	1117 NW 1ST PL	ED	3	
LEE BETTY ANGELINE	1514 NW 3RD AVE	UC	2	
LEE CHARLES RAYMOND	DC HSE BX 2748	AS	4	7429
LEE ELVA IONA	1244 SW 3RD AVE	ED	3	
LEE GEORGE EDWIN	146 SD GEN DEL U STA	UC	2	
LEE JIM REID	1 DORM B GEN DEL U S	UC	2	
LEE LAURA BROWNE	237 R FLAVET 3	UC	2	
LEE ROBERT ELLIOTT	UNIV MANOR APT 13	PH	3	3800
LEE ROBT MALCOLM	237R FLAVET 3	AG	3	
LEE SIDNEY E JR	301 FR GEN DEL U STA	GR	5	
LEE WM EDWARD	1106 NE 9TH ST	LW	3	
LEEDER MARGERY ELLEN	DG HSE	UC	2	
LEEDER ROBERT HENRY	18 N 7TH ST	UC	2	
LEEPER THOMAS ALBERT	TH GEN DEL UNIV S	GR	5	
LEFF INMAN HILLIARD	TEP HSE	UC	2	8863
LEFLER EMILIO JAMES	543 MU GEN DEL U STA	UC	2	
LEGATE DAVID VIRKLER	COMMUTES HAWTHORNE	GR	5	
LEGUEY FEILLEUX JEAN	328 BU BX 2294	GR	5	
LEHEUP JAYNELL J	15 MA	UC	1	
LEIBOWITZ HOWARD	16 DORM O GEN DEL U	UC	2	
LEICHLITER GLORIA C	81 MA	UC	1	
LEIDER IRWIN	PILP HSE	PH	4	
LEIDGEN DAVID JASPER	149 SD GEN DEL	UC	2	
LEIGH GERALD MAURICE	876 SO	UC	1	
LEIGH MARY EDWINA	223 RI	UC	2	
LEIMAN GEORGE EDWARD	PDT HSE	UC	2	
LEITE ROBERT M	KA HSE	LW	1	8883
LEIVONEN PETE ALTON	2ND AVE & 12TH ST	UC	2	
LELLY CHARLES DELORME	1227 SW 1ST AVE	PH	3	
LELLY KENNETH H	765 NO	UC	1	
LEMLEY RALPH MERLIN	252C FLAVET 3	AR	3	
LEMMOND LURA MCK	COMMUTES PALATKA	GR	5	
LEMON RICHARD HAYDEN	KS HSE	UC	2	
LENAS MARY	7 NW 10TH ST	UC	2	
LENAS MIKE	GEN DEL U STA	UC	2	
LENAS PETER T	7 NW 10TH ST BX 2351	LW	1	
LENZ SARAH CAROLINE	DG HSE	AS	3	

LEON ARLENE SALLY	192 WE	UC	1	
LEON ARTHUR SOL	388 MU BX 2504	AS	3	
LEONARD AARON MORRIS	PILP HSE	BA	3	
LEONARD DORA QUINN	95 GR GEN DEL U STA	AR	3	
LEONARD DOUGLAS H		UC	1	
LEONARD HOMER A JR	PDT HSE 229 S BAY	UC	2	
LEONARD JOHN H	115 SE 4TH ST	LW	3	
LEONARD JULIAN F	1 BU BX 3035	LW	3	
LEONARD RUPERT A	103 NW 14TH ST	UC	1	
LEONARD STEPHEN VOY	2088 FLAVET 3	GR	5	
LEONARD WILLIAM F	203C FLAVET 3	LW	1	
LEPS VIRGINIA SHEPARD	217 NE 6TH AVE	UC	2	6796
LESLIE ANN HENRY	58 MA	UC	1	
LESSER MELVIN M	TEP HSE	UC	2	
LESTER JAMES ELEBY	PDT HSE	BA	3	3791
LESUEUR JOAN MICHELE	KD HSE	BA	4	8963
LESZCZEWICZ JOHN A	1039 WE	UC	1	
LETAW HARRY JR	311 SE 8TH BX 2179	GR	5	8260
LETO ANTHONY	18 DORM O GEN DEL U	UC	2	
LETTER JOSEPH V	234A FLAVET 3	UC	2	
LEUKEL WALTER JAMES	1412 NW 6TH ST	AG	4	5572
LEUSCHNER ELIZABETH E	1117 NW 1ST PL	UC	2	
LEVEL DALE ARTHUR	627 TO	UC	1	
LEVENE ROBIN	73 MA	UC	1	
LEVENSTEIN LEONARD L	PILP HSE	UC	2	9168
LEVERETT CHAS EDWARD	1624 NW 2ND AVE	PH	3	
LEVIN DAVID HAROLD	329 N 17TH ST	LW	2	
LEVIN RICHARD S	888 SO	UC	1	
LEVINE EDWARD	786 NO	UC	1	
LEVINE HERBERT	127 SD GEN DEL UNIV	ED	4	
LEVINE RENEE	246 RI	UC	2	
LEVINE RICHARD	1312 W UNIV	UC	2	
LEVINSON ABRAHAM	100 NE 8TH ST	LW	1	
LEVINSON BILLEY W	100 NE 8TH AVE BX 24	GR	5	
LEVIS NORRIS K JR	PIKA HSE	BA	4	
LEVITE ALBERT ISAAC	213B FLAVET 3	PH	4	
LEVITT EDDIE A	357 MU BX 2506	UC	2	
LEVITT IRENE PHYLLIS	74 MA	UC	1	
LEVITT LENARD	PILP HSE	UC	2	
LEVY ALBERT	2050 UNIV	BA	4	
LEVY ELLIOT LOUIS	249 FR TEP HSE	UC	1	
LEVY RONALD GLENN		UC	2	
LEWIS ALLISON LUTHER	330 MU BX 2337	AS	4	
LEWIS ALVIN M	634 NE 6TH ST	UC	1	5869
LEWIS BLAND PITTMAN	102B TH GEN DEL U ST	LW	1	
LEWIS CHARLES BALDWIN	ATO HSE	BA	4	
LEWIS CHARLES LESLIE	1420 N W 1ST AVE	UC	2	
LEWIS CLARENCE WALTER	240R FLAVET 3	EG	4	
LEWIS DAVID	877 SO	UC	1	
LEWIS DAVID KEITH	214 NW 14TH ST	UC	2	
LEWIS EDWARD KIMBLE	1029 WE	UC	1	
LEWIS ELIZABETH	GR	ED	3	
LEWIS ERMA WHITE	COMMUTES BROOKSVILLE	GR	5	
LEWIS GERALDINE	200 RI	UC	1	
LEWIS GILES PINKNEY	236 SW 2ND ST	LW	2	
LEWIS GRANVILLE K JR	193 SD GEN DEL UNIV	AR	4	
LEWIS HAROLD EDMOND	748 NO	UC	1	
LEWIS HOWARD GLENN	GEN DEL U STA	AG	3	
LEWIS JAMES ALLEN	COMMUTES ALACHUA	AG	3	2635
LEWIS JAMES H	PGD HSE	UC	2	
LEWIS JOSEPH M JR	SAE HSE	UC	2	4513
LEWIS JOSEPH W	330 MU BX 2036	GR	5	
LEWIS MARGARET P	COMMUTES PALATKA	ED	4	
LEWIS MARY GODWIN	1230 SW 9TH RD	GR	5	5866
LEWIS NORMAN JAMES	RT 2 BX 54AZ	GR	5	
LEWIS RICHARD M	1634 NW 1ST AVE	AG	4	
LEWIS ROBERT JAMES	216U FLAVET 3	UC	2	
LEWIS THOMAS ELWOOD	822 NO	UC	1	
LEWIS WM JAMES	PIKP HSE	UC	2	
LEWIS WILLIAM LEE	991 WE	UC	1	
LEWITT HERBERT B	TEP HSE	PH	3	8863
LEY FREDERICK PASCO	AGR HSE	AR	4	7053
LIBBY MARY	COMMUTES YULEE	GR	5	
LIBMAN JUNE MARA	10 MA	UC	1	
LIDDLE JAMES EDWARDS	632 TO	UC	1	

LIDDON MORRIS EUGENE	217T FLAVET 3	FY	3	
LIEBER MARVIN	ZBT HSE	PH	4	7693
LIETZ RICHARD JAMES	312 NW 15TH ST	UC	2	5359
LIFCHEZ RAYMOND A		UC	1	
LIFSEY THOMAS HIGGINS	311 NW 1ST ST	UC	2	
LIGGETT JACK LESTER	GATO HSE	UC	2	
LILES HELEN ANN	55P FLAVET 1	UC	2	
LILES WOODIE ANDREW	55P FLAVET 1	LW	1	
LILLEY ROBERT FRENCH	SAE HSE	LW	1	4513
LILLYCROP WILLIAM W	SC HSE 347 MU	AS	3	
LILYGUIST MORVIN R	215 SE 9TH ST	GR	5	
LINDAU ARTHUR H	20 NE 8TH ST	UC	2	
LINDELOW CRAIG WM	71A TH KS HSE	UC	2	
LINDENMUTH PETER LANE	241 SE 2ND ST	EG	4	3970
LINDNER BARBARA IRENE	121 YU	UC	1	
LINDNER CAROLE LOIS	122 YU	UC	1	
LINDQUIST ARTHUR L JR	2523 NW 6TH ST	UC	2	
LINDSAY JAMES BROWN	930 E UNIV	UC	1	
LINDSEY HARRY LEE	HIBISCUS PARK RT 5	GR	5	7765
LINDSAY LEWIS L JR	696 TO	UC	1	
LINDSEY RAYMOND EDWIN	751 NO	UC	1	
LINDSEY WILLIAM R	MR 21 BX 188	UC	2	8047
LINEBAUGH THERESA M	107 YU	UC	1	
LINK DOROTHY ROSE	311 NW 16TH AVE	ED	6	
LINK OTTO DONALD	209A FLAVET 3	AS	4	
LINK ROBERT FRANCIS	49 TH DTD HSE	EG	3	8083
LINNEKUGEL LOUIS JOE	CP HSE	BA	4	
LINTON WILLIAM RONALD	PDT HSE	UC	2	
LIPPERT STANLEY JACK	TEP HSE	BA	4	8863
LIPPINCOTT LEON S	NW 2ND AVE	UC	2	
LIPPMAN JUDITH	22 GROVE HALL	ED	3	
LIPSCOMB ELIZABETH S	534 NE 7TH ST	GR	5	
LISCHER MERRILL D	280D FLAVET 3	AG	3	
LISK ALONSON CHARLES	1A DORM I	GR	5	
LISLE FORREST F	18 NW 17TH ST	UC	2	
LISTEE JOE MACK	1006 WE	UC	1	
LITTLE CHARLES D III	KA HSE	UC	2	
LITTLE JOHN ARTHUR	925 SO	UC	1	
LITTLE LETITIA W	44 MA	UC	1	
LITTLE ROBERT WILLIAM	421 MU GEN DEL U STA	UC	2	
LITTLE VERNAL RAY	LCA HSE	UC	2	8663
LITTLECHILD JOHN A	PARADISE TR CT	UC	2	
LITTLEFIELD JEROME K	12 DORM S	UC	2	
LITTLEJOHN OLIVER M	415 BLVD	GR	5	
LITTLER ROBERT B	RIESENS TR PK	PH	4	
LIVENGOOD DOROTHY K	1727 SW 13THST	GR	5	4480
LIVENGOOD ELLA HOPE	1022 NW 1ST AVE	UC	2	
LIVERMORE ELIZABETH P	1106 4TH AVE	UC	2	8733
LIVINGSTON JOYCE ANNE	COMMUTES BROOKSVILLE	GR	5	
LIVINGSTON WILLIAM F	754 NO	UC	1	
LIVINGSTONE DONALD R	14A DORM M	UC	1	
LLEWELLYN WM ROBERT	1314 6TH ST	UC	2	
LLORET ALBERT JULIAN	99 TH BX 2478	UC	2	
LLOYD CHARLES S	332 S PLEASANT ST	EG	4	
LLOYD CLIFFORD WESLEY	202C FLAVET 3	FY	4	
LLOYD EDWARD L	12 DORM R BX 3092	UC	1	
LLOYD MARGIE JOHNSON	1320 NW 2ND AVE	UC	2	9146
LLOYD WAYNE BARNES	1320 NW 8TH AVE	EG	4	
LOADHOLTZ LARRY LEWIS	GEO SEAGLE HALL	UC	1	
LOADHOLTZ RUDOLPH B	COMMUTES SANDERSON	ED	3	
LOCHNER GEORGE J	GEN DEL U STA	UC	2	
LOCKE ALVARO CARLOS	513 MU BX 2146	UC	2	
LOCKE LEROY	GEN DEL UNIV STA	GR	5	
LOCKEBY WARREN E	403 NE 1ST AVE	UC	2	
LOCKHART FRANKLIN D	355 MU GEN DEL U STA	UC	2	
LOCKHART HARRIET	1202 SW 1ST AVE	UC	2	6639
LOCKHART WM C JR	PGD HSE	LW	1	
LOCKWOOD DAVID H	801 NO	UC	1	
LOCKWOOD ROBERT B JR	19 DORM O GEN DEL U	UC	2	
LOEB JAN CAROL	1622 NW 3RD PL	UC	2	
LOEFFLER DOUGLAS JAY	221 SW 13TH ST	UC	2	
LOFT BERNARD I	1012 SW 3RD AVE	GR	5	5640
LOFTIN MYRA WW	COMMUTES BROOKSVILLE	GR	5	
LOFTEN WM T	210 SE 6TH ST	GR	5	7855
LOGAN JOHN HENRY JR	1014 WE	UC	1	

LOGAN KATHRYN T	YU 147A	UC	1	
LOGAN WILLIAM HENRY	GEN DEL U STA 438 MU	UC	2	
LOGUE DAYTON WILBUR	SC HSE	LW	1	5553
LOGUE GILBERT S	303 SE 10TH ST	UC	2	
LOGUE RAYMOND LEE	CLO HSE	UC	2	
LOHMAN MARY ADA	1616 W UNIV	UC	2	8780
LOHMANN ERNEST RAY	212U FLAVET 3	UC	2	
LOHMEYER GEORGE T	1125 SW 4TH AVE	GR	5	
LOHR CLAIR WINSTON	1918 NW 1ST AVE	UC	2	
LONDONO BERNARDO	270 FR BX 2553	UC	2	
LONG BUFORD EUGENE	477 MU SN HSE	UC	2	
LONG GEORGE V JR	135 DESOTO KA HSE	UC	2	
LONG HAROLD WOSTER JR	GEN DEL U STA	AG	3	
LONG LEON WHITE	737 NE 8TH AVE	UC	2	3555
LONG ROGER SPRINGER	312 NE 2ND AVE	AS	4	
LONG SARAH ALLIE	1105 NW 3RD AV	GR	5	7143
LONG STERLING K	RIESENS TR PK	GR	5	
LOOSE VIRGINIA MAY	229 RI	UC	2	
LOPEZ FERNANDO JOSEPH	92Y FLAVET 1	AS	4	
LOPEZ JOSE JOE	239 FR BX 2564	BA	4	
LORD CARROLL JENNINGS	LYRIC THEATRE	UC	2	4601
LORD CLIFTON F JR	100 WOODLAND PARK	GR	5	6169
LORD MORTON EUGENE	746 NO	UC	1	
LORENZO LEO W		UC	1	
LORRAINE JOHN FRED	ATO HSE	UC	2	4463
LOTT WALTER THOMAS	807 SE 2ND AVE	UC	2	
LOUCKS MERLE K	111 NE 10TH ST	LW	1	8879
LOUCKS WM STANLEY	328 FR BX 2311	AS	4	
LOUGHRIDGE WILLIAM I	909 SO	UC	1	
LOUNSBERRY RICHARD B	87B TH	UC	2	
LOVAN MARY VIRGINIA	36 MA	UC	1	
LOVE JERRELYN L	COMMUTES SUMMERFIELD	GR	5	
LOVE ROBERT MAXEY	3312 NW 6TH ST	UC	2	8786
LOVE ROBERT WM	FLAVET 3 APT 205C	GR	5	
LOVE SAMUEL B	AGR HSE	GR	5	
LOVELACE ALAN M	91A TH BX 2295	AS	4	
LOVELACE DONALD WING	91A TH GEN DEL U STA	UC	2	
LOVELACE WM CURTIS	PSK HSE	ED	4	
LOVELESS JAMES J	6 DORM K GEN DEL U S	UC	1	
LOVELL JESSIE ALLEN	RT 3 BX 286	UC	2	
LOVELL JOHN THOMAS	930 9TH AVE NW	GR	5	9856
LOVELL NAPOLEON B	COMMUTES OCALA	GR	5	
LOVERN DAVID PENN	GEN DEL U STA 296 FR	UC	2	
LOVETT BETTY JEANNE	2032 NW 8TH ST	AG	4	6206
LOVETT HARDY M JR	2032 NW 8TH ST	UC	2	6206
LOW EMMET FRANCIS JR	1021 SW 7TH AVE	GR	5	
LOWBER GRACE TOWNSEND	215A FLAVET 3	UC	2	
LOWBER LESLIE VERNON	215A FLAVET 3	UC	2	
LOWE ALFRED SANDS	116 SW 7TH ST	EG	4	
LOWE HAROLD THOMAS	321 SW 13TH	GR	5	
LOWE JOE FREDERICK	1227 SW 1ST AVE	GR	5	7429
LOWE JOS MICHAEL JR	239T FLAVET 3	GR	5	
LOWERY CHARLES V	104 SW 8TH ST	AR	3	
LOWERY DONALD DEPREE	SC HE	BA	3	5553
LOWERY IRO RAYBURN	BX 3077	GR	5	
LOWERY WILLA DEAN	COMMUTES JAX	GR	5	
LOWMAN CLARENCE L	319 NW 1ST ST	UC	2	
LOWMAN ORAN VALENTINE	322 FR GEN DEL UNIV	BA	4	
LOWREY CYRUS JOSEPH	39A BU GEN DEL U STA	UC	2	
LU KWOH I	102 NW 15TH ST	GR	5	
LUBIN SEYMOUR JACK	976 WE	UC	1	
LUBOV MARTIN	1112 SW 4TH AVE	GR	5	
LUCAS HELEN GREY	1622 NW 3RD PL	UC	2	4765
LUCAS JOHN THOMAS	10 DORM L GEN DEL U	UC	1	
LUCAS MARTIN REVERE	17A DORM R GEN DEL U	UC	1	
LUCAS NATALIE ANNE	1105 NW 1ST PL	UC	2	
LUCE NEMA BINFORD	COMMUTES WILLISTON	GR	5	
LUCKEY JAMES T	REC RM WE	UC	1	
LUCKEY ROBERT FLOYD	741 SW 2ND ST	AG	4	
LUDWIG DONALD CHAS	708 TO	UC	1	
LUDWIG LLOYD LEE	229A FLAVET 3	BA	4	
LUKE GUY DEWITT	821 TO	UC	1	
LUKE JOSEPH C JR	801 NO	UC	1	
LUND WILLIAM B	845 SO GEN DEL U STA	UC	1	
LUNDBERG ERNEST C	1319 NW 2ND AVE	GR	5	8556

LUNDSTROM DONNA L	123 NW 16TH ST	UC	2	
LUNDY HERBERT VAN	115 SE 4TH ST APT 10	UC	1	
LUNSFORD DAVID F	121 FLAVET 2	GR	5	
LUNSFORD DOROTHY M	14 GR	UC	2	
LUTHER EDITH ALLIN	923 NE 7TH AVE	GR	5	
LUTHER JERALD CONRAD	246 S FLAVET 3	ED	3	
LUTTRELL JAMES NORMAN	304 NE 6TH ST	UC	1	
LUTZ KAYE VALETTA	153 YU	UC	1	
LYLE JOEL HOLMES	855 SO	UC	1	
LYLES JESSE FRANK	48A BU GEN DEL U STA	UC	2	
LYLES MARY ANNE	314 NW 12TH AVE	UC	2	
LYNCH CHARLES DONALD	35 UNIV MANOR	UC	2	
LYNCH EDWARD JAMES	248T FLAVET 3	BA	4	
LYNCH EDWARD JAMES	8 UNIV MANOR	UC	2	
LYNCH MARJORIE ROSE	COMMUTES JAX	ED	6	
LYON EUGENE	TC HSE	AS	4	
LYONS DAVID PHILLIP	GEN DEL U STA	UC	1	
LYONS EDWARD	1031 NE 8TH AVE	AS	6	7779
LYTKOWSKI ANDREW JOHN	419 MU GEN DEL U STA	PH	3	
LYTLE JOHN C	COMMUTES OCALA	GR	5	

M

MAAG CLINTON HILAND	233R FLAVET 3	GR	5	
MABIE JULES RALPH	ATO HSE	LW	1	4463
MABRY JEAN ELLIS	138 SD	AS	3	
MABRY THOMAS JAMES	105 TH BX 2862	GR	5	
MACCREADY KENNETH L	240S FLAVET 3	UC	2	
MACDONALD DONALD A JR	901 SO	UC	1	
MACDONALD JOHN F	565 N EVANS	UC	2	
MACDONALD THOMAS C JR	KA HSE	LW	1	8883
MACE MARICH CLAUDE	911 NE 3RD AVE	UC	2	
MACGOWAN WINIFRED C	110 NW 21ST ST	GR	5	3188
MACGREGOR HELEN W	RUE ST	ED	4	
MACH ELIZABETH W	1604 NW 4TH AVE	UC	2	
MACH LYLE JOSEPH	1604 NW 4TH AVE	AG	3	
MACINNES DONALD A	SN HSE	BA	3	7353
MACINNES DUNCAN JR	181 SD	UC	2	
MACK JAMES GEORGE	852 SO	UC	1	
MACK JOAN CAROLE	115 YU	UC	1	
MACK ROBERT EDWARD	GEN DEL U STA	UC	2	
MACKAY DONALD S	SAE HSE	UC	2	
MACKAY GEORGE LEWIS	COMMUTES OCALA	UC	2	
MACKEL DONALD C	COMMUTES JAX	GR	5	
MACKEMER JOSEPH W	241A FLAVET 3 BX 215	AG	4	
MACKENZIE GORDON	NW 19TH AVE ATO HSE	UC	2	
MACKENZIE KATHERINE	SPARTICK PIERCE CT	AS	3	
MACKEY JAMES DAVIS	851 SO	UC	1	
MACKIE JOHN BAILEY	WE	UC	1	
MACKINNON JAMES COLIN	1319 NW 2ND AVE	AG	3	8556
MACKINNON MILLARD M	78A TH GEN DEL U STA	ED	3	
MACLEAN CHAS DONALD	812 W UNIV	LW	2	
MACLEOD MARGARET R	STENGAL FLD	AS	4	
MACON HARLEY PRESTON	150G SD BX 2251	AS	3	
MACON ROLAND LEE JR	202 FR BX 3029	UC	2	
MADDALENA FRANK P	9 DORM N GEN DEL U S	UC	2	
MADDEN PATRICIA B	IDEAL TR PK GEN DEL	UC	2	
MADDEN WILLIAM MARVIN	IDEAL TR PK GEN DEL	UC	2	
MADDOX CARLTON	LCA HSE	LW	2	8663
MADDOX GARY CUMMINGS	1605 NW 7TH AVE	UC	1	5705
MADDOX JOHN WESLEY	817 NO	UC	1	
MADDOX JOHN WILLIAM	IDEAL TR PK	AG	4	
MADDOX WALTER HARLAN	247D FLAVET 3	LW	1	5906
MADEIRA ELIZABETH D	85 MA	UC	1	
MADILL MELVIN ALLEN	757 NO	UC	1	
MADISON BETTIE C	150 YU	UC	1	
MADRY ROBERT FRANKLIN	354 MU GEN DEL U STA	EG	3	
MADSEN ELMER C	58Q FLAVET 1	LW	1	
MAGARIAN MARTIN D	323 NW 12TH PDT HSE	AS	4	6983
MAGEE CLARENCE HOWARD	AIRBASE BX 2367	EG	3	
MAGRUDER ROBERT C	717 TO	UC	1	
MAHAN GARY COLSON	SAE HSE	UC	2	

MAHARREY JOSEPH T	232 NW 1ST AVE	AG	3	
MAHON HARRY BRINKLEY	SAE HSE	UC	2	4513
MAIN SIDNEY G JR	314 SW 3RD ST	UC	1	
MAINEY TOM HILARY	732 TO	UC	1	
MAISEL EDWARD H	1105 UNIV BX 551	UC	2	
MAISEL JOSEPH BERTRAM	ZBT HSE BX 2656	PH	3	7693
MAIZ FRANCISCO	250 FR GEN DEL U STA	UC	2	
MAJOR KENDRICK W	1219 W UNIV LCA HSE	BA	4	8663
MAKEEVER RUSSELL CHAS	821 NE 8TH AVE	UC	2	
MAKOS TULA	172 YU	UC	1	
MALBY DAVID ALTHA	679 TO	UC	2	
MALCOLM OSCAR OWEN	1250 SW 3RD AVE BX	UC	2	
MALEVER SAMUEL S	COMMUTES OCALA	BA	3	
MALLARD JOYCE ANN	307 SE 3RD ST	UC	1	8400
MALLORY JAMES DOYLE	22 DORM O GEN DEL U	AG	3	
MALMBORG WALTER FRANK	424 NE 6TH ST	GR	5	
MALONE BAYNARD L III	211 FR BX 2584	EG	4	
MALONE FERIINARD P	23 DORM N GEN DEL	BA	3	
MALONE FRANCIS P JR	115 NW 10TH ST	UC	2	9222
MALONE KIRBY WERT	309 FR GEN DEL U STA	BA	3	
MALONE WILLIAM S	KA HSE	UC	2	
MALPASS MARILYN ANNE	KD HSE 1125 SW 2ND	UC	2	
MALPHURS NEIL AUSTIN	WALDO RD BX 508	UC	2	5512
MALTZMAN STANLEY LEON	63 TH GEN DEL U STA	EG	3	
MANEE HARRY ROGERS	480 MU BX 2781	UC	2	
MANER MARJORIE ELIZ	PM HSE	AS	4	
MANFREDI ALFRED A	DORM B GEN DEL U STA	UC	1	
MANGIN MARY C	COMMUTES BROOKSVILLE	GR	5	
MANGIN NICHOLAS G	COMMUTES BROOKSVILLE	GR	5	
MANGLER WM LINCOLN	2 DORM I GEN DEL U S	GR	5	
MANK PHILIP J JR	626 TO	UC	1	
MANN HENRY HALL	RT 2 BOX 278	BA	4	6033
MANN JEAN PHILLIPS	249C FLAVET 3	AS	3	9193
MANN JOHN BENJ JR	245C FLAVET 3	AS	4	
MANN MARION HENRY	GANSVILLE MOTOR CT	UC	2	
MANN ROBERT TRASK	214R FLAVET 3	LW	3	
MANN SAM HENRY JR	17 UNIV MANOR	LW	2	
MANN WALTER ROBERT	FLAVET 3	LW	2	
MANN WILLIAM PARKER	249C FLAVET 3	GR	5	
MANNION FRANCIS LYLE	5A DORM C GEN DEL U	UC	1	
MANRIQUE RICHARD I	1016 WE	UC	1	
MANS RUSTY JAY	311 NW 1ST ST	AS	3	
MANSKER ELVIS L	1017 SW 1ST AVE	UC	1	
MANSOLO RAGIN EUGENE	RT 4 BX 386	AG	3	7925
MAO YU DJANG	1604 NW 3RD PL	GR	5	
MARANTZ DONALD IRWIN	ZBT HSE	UC	2	7693
MARCHANT CARROLL B		UC	1	
MARCHANT JACKIE	623 TO	UC	1	
MARCHMAN FREDERICK K	COMMUTES NEW PORT	GR	5	
MARCUS ANNETTE R	210 RI	UC	1	
MARDENFELD VICTOR	1213 W UNIV	BA	3	8863
MARGOLIN ANNETTE S	1104 SW 1ST ST	UC	2	
MARGOLIN ROBERT	1105 W UNIV	UC	2	8863
MARION JOHN BAPTIST	21 SW 6TH AVE	UC	2	4592
MARJAMAA ALVIN HENRY	4100 NW 13TH ST	UC	2	3917
MARK SIEGFRIED JOHN	GEN DEL U STA	ED	4	
MARKHAM CELESTE LOREE	1527 NW 6TH ST	UC	1	
MARKHAM CLORECE ANN	9TH ST & 17TH AVE	UC	1	3688
MARKOVITZ ALBERT	1102 3RD AVE NW	AS	3	
MARKOWITZ MARVIN M	873 SO	UC	1	
MARKS DOREL	7 MICHAEL	ED	4	
MARKS JUDITH	101 GR	UC	2	
MARKUNAS JOHN PETER	1504 W UNIV	EG	3	
MARLER ROSS CHARLES	415 MU GEN DEL U STA	UC	2	
MARLEY SHYNE BAILEY	1419 NW 1ST AVE	EG	4	
MARQUEZ RAMON	HOTEL THOMAS	AR	3	
MARQUIS JOSEPH ALLEN	SC HSE	EG	4	
MARQUIS LEO DANIEL	618A TO	UC	1	
MARSAK IVO	GA SEAGLE HALL	BA	4	
MARSH ALEXANDER M	239R FLAVET 3	AG	4	
MARSHALL ARTHUR R	86 BRIARCLIFF DR RT	UC	2	
MARSHALL BEN J JR	224S FLAVET 3	UC	2	
MARSHALL HUEL CALVIN	251T FLAVET 3	UC	2	
MARSHALL LEI R	248U FLAVET 3	ED	3	
MARSHALL MARY WIGHT	24 MA	UC	2	9282

MARSHALL TEMPLE G	1906 NW 3RD AVE	AS	4	
MARSHALL VONCILE L	187 YU	UC	2	
MARSHALL WALTER OSCAR	1416 NE 7TH ST	ED	4	8195
MARSHALL WM CARTER JR	248U FLAVET 3	UC	2	
MARTIN ANN	25 GR	UC	2	
MARTIN BYRON RANDAL	1420 W UNIV AVE	UC	2	
MARTIN CHARLES EDSON	180 SD GEN DEL U STA	EG	4	
MARTIN CHARLES J JR	510 MU GEN DEL U STA	UC	2	
MARTIN DANIEL KECK	109 TH GEN DEL U STA	UC	2	
MARTIN DOUGLAS DEVANE	116NW 16TH ST	AS	4	6868
MARTIN EDWARD G JR	203S FLAVET 3	GR	5	
MARTIN ELSA MARIE	ACO HSE 1106 SW 4TH	AS	3	8733
MARTIN ELWOOD H	779 NO	UC	1	
MARTIN GAYLN EARL	233T FLAVET 3	GR	5	
MARTIN GEORGE P JR	706 TO	UC	1	
MARTIN GORDON HENRY	RT 5	UC	2	7024
MARTIN GUSTAVUS THEO	SAE HSE	UC	2	3412
MARTIN HELEN ESTEEN	RT 5	UC	2	7024
MARTIN HUGH DOYLE	107 NW 15TH ST	BA	4	
MARTIN JAMES EDWIN	360 MU BX 2509	UC	2	
MARTIN JAMES RODGERS	102A TH	UC	2	
MARTIN JEFFERSON S	118 NW 19TH ST	AR	3	
MARTIN JO ANN	42 GROVE HALL	UC	2	
MARTIN JOHN DYKES	BX 2388 212 FR	AG	3	
MARTIN JOHN WESLEY	639 TO GEN DEL	UC	2	
MARTIN LLOYD DENVER	1039 WE	UC	1	
MARTIN MARION GLENN	RT 3 BX 286	UC	2	
MARTIN MARY ELOISE	1023 SW 1ST AVE	UC	2	8230
MARTIN MARY LEE	63 GR	UC	2	
MARTIN MARSHALL A	GEN DEL UNIV STA	UC	2	
MARTIN MELTON LEE	COMMUTES BRONSON	ED	3	
MARTIN MONA H	COMMUTES BROOKSVILLE	GR	5	
MARTIN ROBT BUELL JR	1420 W UNIV	UC	2	
MARTIN ROBERT W JR	SPE HSE	BA	3	5903
MARTIN ROBERT WILLIAM	434 MU	EG	3	
MARTIN ROE MILLEGE	889 OAK PARK	GR	5	7930
MARTIN THOMAS EUGENE	652 TO	UC	1	
MARTIN VIRGIL D	136 SD	UC	2	
MARTINEZ CELESTINO A	18 NW 7TH ST	UC	2	6710
MARTINEZ DANIEL A	PIKP HSE	EG	4	9107
MARTINEZ DANIEL FRANK	CLO HSE	UC	2	
MARTINEZ IGNACIO	1311 NW 7TH AVE	AR	3	
MARTINEZ JACK ALBERT	18 NW 7TH ST	UC	2	6710
MARTINEZ JORGE LUIS	462 MU BX 3016	UC	2	
MARTINEZ JUANITA E	1311 NW 7TH AVE	UC	1	
MARTINEZ JULIAN	1638 NW 22ND AVE	AS	3	
MARTINEZ MARCUS J	50 TH GEN DEL U STA	BA	4	
MARTINEZ OLIVER H	18 NW 7TH ST	UC	2	6710
MARTINEZ RIGAU E	252S FLAVET 3	EG	3	
MARTINSON CAROLYN L	1803 NW 7TH AVE	UC	2	
MARTINVEGUE CHAS A	343 MU DTD HSE	EG	3	
MARTIN VEGUE JAMES R	GEN DEL U STA	UC	2	
MARTSOLF JAY DAVID	993 WE	UC	1	
MARUHNIC PETER	307 SE 2ND ST	AS	4	
MARVEL HARRY HUDSON	943B WE	UC	1	
MARVIN PHILIP	1002 W UNIV AVE	UC	2	
MARXER DONNA M	181A YU	UC	1	
MASCIOLI IVAN	171 SD GEN DEL U STA	UC	2	
MASHBURN ROBERT LEE	213T FLAVET 3	AR	3	
MASON JAQUE VERNER	996 WE	UC	1	
MASON JOHN FORNO	18A BU	AG	4	
MASON LEON DOUGLAS	350 MU GEN DEL U STA	UC	2	
MASON MARGARET JEAN	89 MA	UC	1	
MASON WILLIAM HARVEY	990 WE	UC	1	
MASSEY CORDY LAMAR	MU PDT	UC	2	
MASSEY HAL	202 NW 15TH ST	UC	2	
MASSEY HERBERT S	UNIV LODGE	UC	2	
MASSEY REVA LLOYD	PDT HSE	PH	3	
MASSIE REGINALD WM	405 MU GEN DEL U STA	UC	2	
MASTERS BERNARD M	659 TO	UC	1	
MASTERS PHILIP ROBT	102 NW 13TH ST	UC	1	
MASTERSON BERNARD J	122 FLAVET 2	LW	1	
MASTROGIANAKIS CONST	323 FR SPE HSE	UC	2	
MASURY CHARLOTTE JOAN	92 GROVE HALL	UC	2	
MATATICS STEVE JOHN	19A BU BX 2064	UC	2	

MATECKO NICK	255V FLAVET 3	PE	4	
MATHENY HERBERT PAUL	256T FLAVET 3	GR	5	
MATHERLY ULYSSES G	135 FLAVET 2	GR	5	
MATHERLY WALTER J	620 BLVD	AS	3	
MATHEWS BRUCE EUGENE	50 TH GEN DEL	EG	4	
MATHEWS EDW MERRIAM	17 DORM R	UC	1	
MATHEWS FRED HARRELL	1175W 2ND AVE	UC	2	
MATHEWS HAROLD F	612 SW 2ND TERR	UC	2	
MATHEWS HENRY MATT	GVILLE TR PK	UC	1	
MATHEWS THOMAS C		AG	3	
MATHEWS WILLIAM H	15NW 15TH ST	AG	4	4814
MATHIS CHARLES	87A TH GEN DEL U STA	UC	2	
MATOSOFF HENRY	REISENS TR PK BX 209	GR	5	
MATTALINE ROBERT C	3 DORM B GEN DEL U SE	G	3	
MATTHEWS BETTY ANN	91 GROVE	AS	3	
MATTHEWS JAMES S	1225 SW 2ND AVE	AS	4	4131
MATTHEWS JOHN SANFORD	344 MU GEN DEL U STA	UC	2	
MATTHEWS RALPH M	943A WE	UC	1	
MATTHEWS RICHARD F	117 SW 12TH ST	AG	3	
MATTHEWS ROBERT M	PIKA HSE	UC	2	
MATTHIS BERRY BEANN	212 ANNIS BLVD	AS	4	7734
MATTINA JOE	214 NW 14TH ST	GR	5	
MATTIODA DONALD J	720 TO	UC	1	
MATTOCKS JOE FRED L	WEAVER 970	UC	2	
MATTOX JAMES DAVID	206 N W 10TH ST	EG	4	
MATTOX THOMAS F JR	COMMUTES WALDO	LW	1	
MATTSON DOUG KEITH	SAE HSE	UC	2	
MATUCH GEORGE JR	RT 3 BX 286	GR	5	9118
MAUND DANIEL WALLACE	15 DORM R GEN DEL U	UC	1	
MAUNEY CHARLES FRED	GEN DEL U STA	ED	4	
MAURICIO JOE	27B BU GEN DEL U STA	PH	4	
MAUSERT ROBERT J JR	117 NW 2ND AVE	UC	2	6510
MAUST GEORGE JOHNSON	KS HSE	UC	2	
MAUTONE FERDINAND C	HILLCREST AVE	UC	2	
MAUTONE JESSIE LEE	HILLCREST AVE	AS	4	
MAXEY JACKSON DAVID	CP HSE	AS	3	8783
MAXEY RUTH JEANNETTE	156 YU	UC	1	
MAXFIELD GEORGE ERNST	23A DORM N GEN DEL U	UC	2	
MAXWELL BARBARA ANNE	251 RI	UC	2	
MAXWELL KENNETH F	56A TH GEN DEL U STA	AG	4	
MAXWELL RALPH JR	230R FLAVET 3	EG	4	
MAY AURIST BLANTON	1002 WE	UC	1	
MAY BARBARA JEAN	2148 W UNIV	ED	3	8603
MAY BILLY EUGENE	736 TH GEN DEL U STA	UC	2	
MAY CHARLES EDMOND	421 N W 10TH AVE	AS	3	
MAY ERNEST PAUL JR	13A DORM M GEN DEL U	UC	1	
MAY JACK A	505 MU BX 2292	UC	2	
MAY ROBERT DOUGLAS	13 BU GEN DEL U STA	UC	2	
MAY VAN ALEXANDER	947 WE	UC	1	
MAY WILLIAM OLIVER	7 DORM C GEN DEL U S	UC	2	
MAYFIELD HOWARD EDW	740 TO	UC	1	
MAYHUGH ELIZABETH C	102 NW 15TH ST	AS	3	9855
MAYHUGH LENTON CALEB	408 MU GEN DEL U STA	AS	4	
MAYHUGH RHEA EDWARD	COMMUTES JAX	GR	5	
MAYNARD HONER E	COMMUTES JAX	GR	5	
MAYNARD JAMES HAROLD	225 S W 5TH ST	UC	2	
MAYO CHARLES ANTHONY	15 DORM R GEN DEL U	UC	1	
MAYO THOMAS T		UC	2	
MAYO VIRGIL QUINTON	MILLHOPPER RD BX 305	LW	3	3266
MCABEE PAULA LEECH	815 NE 12TH AVE	GR	5	
MCABEE WM WHITMAN JR	815 NE 12TH ST	GR	5	
MCALILEY THOMAS W JR	979 WEO	UC	1	
MCALLISTER CHARLES N	145 SD GEN DEL U STA	BA	3	
MCALLISTER JOSEPH WM	NEWBERRY RD GEN DEL	GR	5	
MCALLISTER KATHRYN B	COMMUTES NEWBERRY	UC	2	
MCANULTY BOBBIE JEAN	88 MA	UC	1	
MCATEER DERRILL S	998 WE	UC	1	
MCBRIDE RALPH FOLSOM	931 NE 14TH ST	GR	5	6837
MCBRIDE WILLIAM BYRL	1823 NW 5TH AVE	GR	5	6289
MCCAFFREY JANET CHASE	73 MA	UC	1	
MCCAIN DAVID LUCIUS	KS HSE	UC	2	8424
MCCALL GLENN MCMILLAN	212 FR BX 2388	UC	2	
MCCALL HOLLIS ONEAL	208 14TH ST	UC	2	3613
MCCALL IRVINE ERCELLE	210R FLAVET 3	AG	3	
MCCALL JAMES KINCEY	434 MU KA HSE	BA	4	

MCCALL JOSEPH D JR	CP HSE	GR	5	8783
MCCALL WAYNE LESLIE	KS HSE	UC	2	
MCCALL WILLIAM LAWTON	98B TH GEN DEL U STA	EG	3	
MCCALLEY EDWARD W JR	115 SE 4TH ST	AS	4	
MCCALLISTER JAMES A	39A BU BX 2385	BA	3	
MCCALLUM BETTY JEAN	121 NW 15TH TERR	GR	5	
MCCALLUM CHARLES M	1308 NW 4TH ST	UC	1	7589
MCCALLUM GEORGE DEWEY	243 FR GEN DEL U STA	PH	3	
MCCALLUM HOWARD	1308 NW 4TH ST	UC	2	6123
MCCANDLESS ROBERT F	1511 NW 3RD AVE	GR	5	
MCCANN FORREST MASON	7 DORM B GEN DEL U SA	S	3	
MCCARDELL CAROLYN R	220 RI	UC	1	
MCCAREY ANN ELIZABETH	1723 NW 2ND AVE	UC	2	4624
MCCAREY JOHN PATRICK	SN HSE	UC	2	7353
MCCARTHY PATRICIA A	80 MA	UC	1	
MCCARTHY RAYMOND A JR	99 TH PDT HSE	BA	3	
MCCARTHY TIMOTHY F	129 MU BX 2238	BA	3	
MCCARTY WILBUR LEE JR	23G FLAVET 1	BA	4	
MCCLAMMY HERBERT C	GEN DEL U STA	UC	2	
MCCLANE JAMES K L	116 NE 3RD AVE	AS	3	
MCCLEARY JAMES FORBES	717 TO	UC	1	
MCCLELLAN BETTY H	57 MA	UC	1	
MCCLELLAN DIANE ELIZ	18 MA	UC	1	
MCCLELLAND NANCY ANN	108 YU	UC	1	
MCCLELLAND THOMAS M	450 MU PDT HSE	ED	4	
MCCLENDON JAMES C	268 FR BX 2308	UC	2	
MCCLENNY JACK ANDREW	1 DORM C DTD HSE	AS	4	
MCCLIMANS ALBERT E	902 SW 2ND AVE	BA	4	
MCCLINTOCK PATRICIA L	242 RI	UC	2	
MCCLOSKEY FRANCIS D	263 FR LCA HSE	AS	3	8663
MCCLOSKEY RICHARD D	509 MU SC HSE	BA	3	
MCCLUNG FRANK ANDREW	IDEAL TR PK BX 2069	LW	3	
MCCLUNG LESTER M	88 BU PIKA HSE	AG	4	
MCCLURE DENVER LEROY	1125 SW 4TH ST	UC	1	
MCCLURE EDWARD ELLIS	32A BU GEN DEL U STA	AR	3	
MCCLURE HUGH WALKER	SN HSE	AS	3	7353
MCCLURE JAMES VANN	775 NO	UC	1	
MCCLURE JOHN DANIEL	699 TO	UC	1	
MCCLURE LEE EUGENE	710 TO	UC	1	
MCCLURE WESLEY E	FLAVET 3 APT 226A	GR	5	
MCCOLLOUGH RUDOLPH	KS HSE	BA	3	4499
MCCOLLUM AGNES D	1628 NW 3RD PL	AS	3	7185
MCCOLLUM JAMES ROBERT	1628 NW 3RD PL	UC	2	
MCCOLLUM SARAH LOIS	2022 NW 7TH PL	GR	5	7788
MCCOMBS JAMES EARL	MU GEN DEL	UC	2	
MCCONDICHIE EMMA F	COMMUTES JAX BCH	ED	6	
MCCONKEY EDWIN HENRY	229 FR DEPT BLY	GR	5	
MCCORMICK ALLEN K	PGD HSE	BA	3	
MCCORMICK CECIL N	7 DORM L	UC	1	
MCCORMICK DAVID C	1621 NW 3RD PL	AG	4	
MCCORMICK EDITH PEARL	1621 NW 3RD PL	BA	3	
MCCORMICK JOHN M	RT 3	LW	3	6739
MCCORMICK JOHN THOMAS	676 TO	UC	1	
MCCOWN LYSLE THORPE	1105 NW 3RD AVE APT	UC	2	
MCCOY CHARLES E	1317 W UNION	UC	2	7893
MCCOY FRANKIE L	COMMUTES JAX	GR	5	
MCCOY JAMES ALLAN	725 NE 6TH ST	UC	1	6363
MCCOY JERRY DON	KS HSE	UC	2	
MCCOY MARGARET P	134 NW 15TH TER	UC	2	
MCCOY MILDRED JOYCE	193 RI	UC	1	
MCCOY QUINCY LEE	725 NE 6TH ST	UC	2	6363
MCCOY THELMA ARNETT	134 NW 15TH TERR	UC	2	
MCCRARY M JEAN	300 SE 9TH ST	AS	4	7869
MCCRARY WM CARLTON	COMMUTES KEYSTONE HG	AS	4	
MCCREE ARTHUR GILBERT	248 FR DTD HSE	AR	3	
MCCREERY RUTH ANNE	126 YU	UC	1	
MCCREIGHT RANDOLPH A	733 TO	UC	1	
MCCUBBIN DAVID WALTER	262 FR GEN DEL U STA	UC	2	
MCCULLOCH ROBERT G	110 NW 15TH ST	BA	4	
MCCULLOUGH MILDRED R	COMMUTES JAX	GR	5	
MCCULLY SYLVIA M	211 RI	UC	1	
MCCUTCHEN JOHN JOLLEY	4A TH	UC	2	
MCCUTCHEON GORDON D	239U FLAVET 3	LW	3	
MCDANIEL CHARLES E	983 WE GEN DEL U STA	UC	1	
MCDANIEL ROBERT ENOCH	WILLIAMS FUNERAL	UC	2	

MCDERMOTT JOSEPH R	2 DORM C GEN DEL U SUC	2	9181
MCDERMOTT ROBERT J	234 FR KA HSE	LW	1	
MCDONALD BETTY JO	258 RI	UC	2	
MCDONALD CARROLL W	470 MU BX 2833	UC	2	
MCDONALD CHARLES WM	76 BU GEN DEL U STA	UC	2	
MCDONALD DONALD B	819 NO	UC	1	
MCDONALD EDWARD J JR	18 NW 17TH ST	UC	2	9287
MCDONALD ISAAC B	5 DORM B GEN DEL U SUC	2	
MCDONALD JAMES B II	292 FR BX 2318	BA	3	
MCDONALD JEAN MARIE	PM HSE	UC	2	9510
MCDONALD MORTON JR	2308 FLAVET 3	AG	4	
MCDONALD RANDOLPH D	9 DORM L GEN DEL U SUC	1	
MCDONALD RICHARD P	648 TH KS HSE	UC	2	
MCDONALD ROBERT EDW	253S FLAVET 3	UC	2	
MCDONALD THAUS MILTONPGD HSE	AS	4	1848
MCDONALD WILLIAM R	1734 1ST AVE	UC	2	
MCDOUGALD MARGARET G RI	UC	2	
MCDOUGALD PATRICIA Q	270 REID HALL	UC	2	
MCDOWELL JEWEL C	GEN DEL U STA	UC	2	
MCDOWELL ROBERT C	HAWTHORNE RD	PH	4	
MCDUFFIE HUEY H	3225 NW 4TH TERR	UC	2	
MCDYER THOMAS A	1241 SW 4TH AVE	UC	2	
MCEACHERN CAROLYN S	22 UNIV MANOR	AS	4	
MCEACHERN DON ROBT	EG	3	
MCEACHERN NEIL MORRIS22 UNIV MANOR	AS	4	
MCEACHERN ROSEMARY E GR	ED	3	
MCEADDY DOROTHY C	1510 NW 3RD AVE	GR	5	
MCEADDY JAS DAVIS	1510 NW 3RD AVE	AS	3	
MCELROY RICHARD G	203 SD	UC	2	
MCELVY GEORGE ROLAND	530 2ND AVE PDT HSE	AS	3	
MCELYEA JACK HENRY	IDEAL TR PARK	AG	3	
MCEVER JOHN COLLIE	3 DORM M	UC	1	
MCEVILLEY JOANNE K	1725 NW 3RD PL	GR	5	7091
MCEVILLEY LOIS S	1725 NW 3RD PL	GR	5	
MCEWEN LYLE P JR	UC	2	
MCFADYEN ALVAN R	247R FLAVET 3	GR	5	
MCFARLAND DONALD OTIS1420 NW 1ST AVE	BA	3	
MCFARLIN JOHN FLOYD	1107 SW 1ST AVE	GR	5	9806
MCGAHAGIN WARREN E	116 NW 16TH ST	AS	4	6868
MCGAHEE PHILIP WALTER354S FLAVET 3	UC	2	
MCGEE DOROTHY C	240U FLAVET 3	UC	2	
MCGEHEE BERRYLIN RAY	125 NW 16TH ST	UC	2	
MCGEHEE JOHN NELSON	18 NO	UC	1	
MCGEHEE MARY KLINE	112 YU	UC	1	
MCGHIN CLYDE WALTON	813 SE 2ND AVE	UC	2	
MCGILL FRANCIS GEO	218S FLAVET 3	ED	4	
MCGILL HENRY NEAL	1055 NW 8TH AVE	UC	2	4088
MCGILL SARA HARPER	COMMUTES PALATKA	GR	5	
MCGILL WILLIAM A	503 MU SN HOUSE	PE	4	
MCGINLEY CAROLYN C	16 GR	UC	2	
MCGINLEY JAMES A	SAE HSE	UC	2	
MCGINNIS ROBERT C	8 DORM R	UC	1	
MCGINTY SHEILA M	133 GR	UC	2	
MCGOWAN DORIS MABEL	218U FLAVET 3	UC	1	
MCGOWAN JOS ANTHONY	218U FLAVET 3	LW	1	
MCGOWAN WILLIAM A	472 MU GEN DEL UNIV	UC	2	
MCGRAW JAMES HARVEY	1728 NW 1ST AVE	UC	2	4428
MCGREGOR MARSHALL S	AGR HSE	AG	4	7053
MCGREGOR WALLACE H	109 NW 22ND DR	AS	3	
MCGREW GERTRUDE E	ED	4	
MCGRIFF CLIFFORD A JR1136 SE 2ND AVE	UC	2	
MCGRIFF PATRICK THOS	UC	2	
MCGRIFF WARREN GURR	200C SD GEN DEL U STUC	2	
MCGUFFIN ROBERT F	PDT HSE	UC	2	3791
MCGUINNESS PETER JOS	1636 W UNIV BX 2892	PH	3	
MCGUIRE VINCENT	BIBINS ARMS	GR	5	
MCGUNAGLE JOSEPH A	67 TH BX 2092	FY	4	
MCHUGH MIRIAM C	UNIV NEW BUR LITTLE	ED	6	
MCILWAIN GEO WALTER	CP HSE	UC	2	8783
MCINARNAY RAY MARVIN	1806 NE 4TH ST	UC	2	
MCINNIS MIRIAM D	1241 SW 3RD AVE	UC	2	6342
MCINTOSH BRICE S	201 AMNIS BLVD	UC	1	9594
MCINTOSH CHAS BRUCE	KS HSE	UC	2	
MCINTOSH JEANNE A	RT 2 BIVINS ARM	UC	2	7818
MCINTOSH ROBERT B	RT 2	EG	4	7818

MCJUNKIN JERRY LEE	99 YU	UC	1		
MCKAY KELSEY BABCOCK	1222 NW 16TH AVE	GR	5	6049	
MCKAY MARGARET P	1222 NW 16TH AVE	AS	3	6049	
MCKEE JUNIOUS	400 MU GEN DEL U STA	UC	2		
MCKEEHAN JOHN GORDON	422 SW 1ST ST	UC	2		
MCKELVY LYNN		UC	2		
MCKENDREE GEORGE A	504 MU BX 2592	UC	2		
MCKENNA CHARLES E	6 DORM O GEN DEL U S	UC	2		
MCKENZIE JAMES R	53 TH GEN DEL U STA	UC	2		
MCKENZIE MORAN ALFRED	270 FR BX 2872	UC	2		
MCKEOWN CHAS DEVLIN	15 NW 15TH ST	BA	4	4814	
MCKEOWN M B	BX 83H RT 3	GR	5		
MCKIGNEY JOHN I	GEN DEL U STA	AG	4		
MCKINLEY DOUGLAS P	4 DORM C DTD HSE	GR	5		
MCKINLEY MALCOLM R JR	COMMUTES NEWBERRY	AS	4		
MCKINLEY SARAH JANE	163 YU	UC	1		
MCKINNEY DONALD E	85A TH GEN DEL U STA	UC	2		
MCKINNEY ETHEL LENTZ	COMMUTES HASTING	UC	1		
MCKINNEY JOAN	614 NE 6TH AVE	ED	3		
MCKINNEY JOHN M	11 DORM L GEN DEL U	UC	1		
MCKINNON COLBURN HALE	776 NO	GR	5		
MCKINNON ROBERT C	GEN DEL UNIV STA	UC	2		
MCKINNON WALLACE L	1605 NW 7TH AVE	UC	2		
MCKISSOCK GEORGE D	311 SE 8TH ST	GR	5	4789	
MCKISSON EARL WELLS	SC HSE	GR	5	5553	
MCKNIGHT ROBERT B	205R FLAVET 3	AR	4		
MCLAIN EDDIE REX	1013 WE	UC	1		
MCLAIN JAMES A	BX 2171 U STA 66TH	AS	3		
MCLANE RICHARD P	130 SD GEN DEL U STA	UC	2		
MCLAUGHLIN DONALD H	UORM R GEN DEL U STA	UC	1		
MCLAUGHLIN RICHARD R	1032 WE	UC	1		
MCLAUGHLIN RUTH	103 YU	UC	1		
MCLEAN HUGH BEDFORD	1014 WE	UC	1		
MCLEAN J EDWARD	COMMUTES HAMPTON	BA	4		
MCLEAN JACK VERNON	DTD HSE	AS	4	8083	
MCLEAN JOEL ALBERT	BX 2058	GR	5		
MCLEAN WM CAMPBELL JR	102 13TH ST SAE HSE	LW	2		
MCLEARN HERBERT KENT	925 SO	UC	1		
MCLELLAN VON NELLE	416 W UNIV	GR	5	3014	
MCLELLAND GRAYNELLA E	COMMUTES JAX	GR	5		
MCLENDON MARIE JONES	COMMUTES	UC	2		
MCLEOD GERALD WAYNE		UC	1		
MCLEOD GLENN	COMMUTES HIGH SPRING	BA	3		
MCLEOD HAROLD E	407 13TH	AG	3	7053	
MCLEOD ROBERT GEIGER	8 DORM I	GR	5		
MCLEOD ROSALIE SMITH	418 W UNIV	UC	2		
MCLEOD THOMAS GRADY	220 SW 2ND AVE	UC	2	8032	
MCLERAN JOYCE N	408 SW 15TH ST	UC	2		
MCMASTERS PHILIP EDW	10 DORM 8 GEN DEL U	UC	2		
MCMEEKIN FRANK T	COMMUTES HAWTHORNE	UC	2		
MCMILLAN FILLMORE A	424 MU GEN DEL U STA	AG	3		
MCMILLAN JAMES DYE	1806 NW 2ND ST	BA	3		
MCMILLAN JESSIE N	1124 NW 1ST PL	ED	6		
MCMILLAN MARY LOUISE	211 NW 16TH ST	UC	2		
MCMULLEN LAURENCE G	48N FLAVET 1	BA	3		
MCMULLEN NANCY MARIE	1516 NW 12TH RD	GR	5		
MCMULLEN ROBT ANGUS	170 SD GEN DEL U STA	AG	4		
MCMURRY ELIZABETH L	COMMUTES JAX	ED	4		
MCNAB RICHARD KIRK	1624 NW 2ND AVE	UC	2		
MCNABB MARY ALYCE	132 YU	UC	1		
MCNAMEE ALFRED A JR	182 SD KA HSE	UC	2		
MCNATT HUGH EDWIN	340 MU BX 2097	UC	2		
MCNEELY ARTHUR M	919 NW 25TH AVE	BA	4		
MCNEELY LYLE VERNON	PRIMROSE GRILL	UC	2		
MCNEIGHT GRACE EVELYN	COMMUTES	GR	5		
MCNICHOLAS JAMES EDW	121 SD GEN DEL U STA	UC	2		
MCNISH LLOYD HUNTLEY	18 NW 17TH ST	EG	3		
MCNULTY CLIFFORD A	8 DORM A	UC	2		
MCNUTT ROLLIN HARRIS	AGR HSE	UC	2	7053	
MCPHILOMY CHAS EDWARD	503 MU BX 2596	UC	2		
MCRAE ANGUS ANDRE	1419 NW 2ND	AR	3		
MCRAE BARNEY ENGLISH	1319 NW 2ND AVE	PH	4	8556	
MCRAE DOUGLAS A	GA SEAGLE HALL	ED	3		
MCRAE GERALDINE B	49 MA	UC	1		
MCRAE GLEN GERALD	COMMUTES TAMPA	ED	6		

MCRAE M ERNESTINE B	COMMUTES	ED	4	
MCRAE MARIAN CAROL	49 MA	UC	1	
MCRAE OWEN WM	COMMUTES JAX	GR	5	
MCROYAN KIREAKOS KAY	1310 NW 1ST AVE	LW	1	
MCVEY LAUDER TULLY	241D FLAVET 3	EG	3	
MCWHERTER EUGENE EARL	426 MU BX 2315	UC	2	
MCWHORTER GEORGE T	609 SW 12TH ST	AS	3	7407
MCWHORTER JOHN WALTER	116 NW 16TH ST	UC	2	
MCWICKER GEORGE	773 NO	UC	1	
MCWILLIAMS ROBERT L	1914 NW 3RD AVE	UC	2	
MEAD CHARLES ADDISON	FL M283	AR	4	
MEAD DONALD EDWARD	201D FLAVET 3	ED	4	
MEADE THOMAS LEROY	RT 5 BLAKE MEAD FARM	GR	5	
MEADOWS ALAN S	252 FR GEN DEL U STA	UC	2	
MEADOWS DANIEL N	SPE HSE	LW	1	5903
MEADOWS LAURA L	111 N W 7TH TERR	UC	2	
MEADOWS VIRGINIA ANNE	268 RI	UC	2	
MEANS HESTER RICE	COMMUTES ST AUG	GR	5	
MEANS SAMUEL A JR	1627 NW 6TH AVE	GR	5	
MECHAM JOHN STEPHEN	BX 2459	GR	5	
MEDCALFE PETER S	169 SD SC HSE	BA	4	
MEDINA ESTHER	134 GR	UC	2	
MEDINA HUGO	204 SD BX 2206	EG	4	
MEEK EUGENE STANTON	BU SAE HSE	UC	2	
MEEKER JOHN W	1237 SW 2ND AVE	BA	4	
MEEKS JAMES R	304 WE	UC	1	
MEEKS JERRY FREDERICK	1306 S PINE ST	UC	2	1183
MEENAN EDWARD VINCENT	16A DORM B GEN DEL	UC	2	
MEHAFFEY CLIFFORD R	996 WE	UC	1	
MEHAFFEY WM LESLIE	505 NW 9TH AVE	UC	2	3122
MEIDE MICHAEL R	788 NO	UC	1	
MEIER JAS ANTHONY JR	1914 NW 3RD AVE	UC	2	
MEIER JOHN HENRY	1005 SW 3RD / 'E	UC	1	5176
MEIFERT HENRY RUSSELL	61 TH GEN DE U STA	GR	5	
MEISCH FRANK F	CRANE HALL	AG	3	
MEISSNER ROBERT W	814 NO	UC	1	
MEISTER ROBERT A	756 NO	UC	1	
MEISTER SEYMOUR	11 DORM O GEN DEL U	UC	2	
MELANCON DEJEAN	986 WEAVER GEN DEL U	UC	2	
MELI VINCENT A	44 BU BX 2223	EG	4	
MELMAN MILTON	805 NE 9TH ST	BA	4	3249
MELODY WALTER HOWARD	FRASIERS APT GEN DEL	UC	2	
MELOHN RICHARD PAUL	CP HSE	BA	3	
MELOY VINCENT J JR	452 MU ATO HSE	UC	2	
MELROY DAVID OWEN	127 SD BX 2613	GR	5	
MELROY PAUL EMMETT	220 FR BX 2354	AS	3	
MELTON ESTON EUREL JR	KA HSE	UC	2	8883
MELVILLE THOMAS A	GEN DEL U STA	UC	2	
MELVIN THOMAS LLOYD	6 DORM C	AG	3	
MENA ROSEMARY	188B RI	UC	2	
MENARD DALE ANTHONY	932 SO BX 2149	UC	1	
MENDEZ JOSE IGNACIO	26A BU BX 2118	UC	2	
MENDEZ VIGO CASTOR	233 FR BX 2664	UC	2	
MENDONSA ROBERT E	CLO HSE 1402 W UNIV	UC	2	
MENENDEZ CHARLES JR	BX 2471	UC	2	
MENENDEZ JACK F	411 NW 15TH ST	AS	3	
MERCER RAY LAURENCE	COMMUTES FT WHITE	GR	5	
MERCER WANDA L W	COMMUTES FT WHITE	ED	4	
MERCHANT GEO STUART	926 2ND AVE	UC	2	
MERCIER RUTH ELIZ	207 RI	UC	2	
MEREDITH BARBARA JEAN	1B MA	UC	1	
MEREDITH FRANK H	GEN DEL U STA 58 TH	EG	3	
MERKEL JULE FRANK	328 FR PIKP HSE	UC	2	
MEROS GEORGE NICHOLAS	207A FLAVET 3	LW	1	
MERRELL ROBERT JAMES	741 SW 2ND AVE	UC	1	
MERRIAM WM HOBERT JR	490 MU ATO HSE	UC	2	
MERRICK WILLIAM GRANT	408 MU 2651 UNIV	UC	2	
MERRILL FRANK C	260 FR GEN DEL	UC	2	
MERRILL HELEN L	COMMUTES JAX	GR	5	
MERRITT JACK	429 MU GEN DEL	UC	2	
MERRITT RICHARD H JR	115 NW 10TH ST	UC	2	9222
MERRY DONALD LEWIS	PKT HSE	UC	2	
MERRYDAY HARRY L	1314 NW 2ND AVE	AR	4	
MERRYDAY HENRY CRILL	WHITE HOUSE HOTEL	BA	3	
MERWIN LESTER NOBLE	224 FR GEN DEL U STA	UC	2	

MESSERLY JAMES BARTH	970 WEO	UC	1	
MESSERLY WM HOLT	1005 WE	UC	1	
MESSERVEY MARY E M	COMMUTES JAX	GR	5	5987
MESSINA FRANK ANDREA	209 FR	LW	1	
METHVIN BETTY LOU	3 MA	UC	1	
METZ DALE HOWARD	GEO SEAGLE HALL	UC	2	
METZ DONALD LOUIS	805 NO	UC	1	
METZ HENRY KENNETH	WE	UC	1	
METZGAR RICHARD S	1116 SW 2ND AVE	AS	3	
MEYER BERNARD LOUIS	PILP HSE	EG	3	9843
MEYER BYRON F JR	414 NW 14TH ST	LW	1	
MEYER HARVEY K JR	1404 NW 11TH ST	GR	5	
MEYER JOHN B	2 DORM O GEN DEL U	SUC	2	
MEYER JOHN WARREN	DC HSE BX 2748	EG	4	7429
MEYERHOFF ERIC	351 MU GEN DEL	AR	4	
MEYERHOFF RALPH A	618 TO	UC	1	
MEYERS MAVIS	108 YU	UC	1	
MEYERS VACHON B	924 SW 7TH AVE	PE	3	
MICHAELIS CARL I	223 ANNIS BLVD	GR	5	
MICHAELOS LOUIS JOHN	SN HSE	UC	2	7353
MICHAELS BURTON MYRON	210 FR BX 2656	AS	3	
MICHAELS HARRY L	250C FLAVET 3	LW	2	
MICHAELS VIRGINIA G	BX 3103	ED	4	
MICHALEK THOMAS	248B FLAVET 3	EG	4	
MICHELSON EDW HARLAN	357 MU	GR	5	
MICKEY CHARLES DANIEL	COMMUTES WALDO	UC	2	
MICKLE JACK	40 BU GEN DEL UNIV	SAS	4	
MICKLER JOSEPH EARL	516 MU BX 2323	BA	3	
MIDDLEMAS WILLIAM B	309 NW 11TH ST	UC	2	
MIDDLETON CLYDE D	TC HSE	UC	2	4814
MIDDLETON ERNEST L	DTD HSE 342 MU	UC	2	8083
MIDDLETON INA K	154 YU	UC	1	
MIDDLETON JAMES F	KA HSE	UC	2	
MIDDLETON ROBT LEROY	57A TH GEN DEL U STA	UC	2	
MIDYETTE VIRGINIA REA	254 RI	UC	2	
MIER FERNANDO	126 SD 2028 PO BX	UC	2	
MIHALIK PHILIP C	1 DORM I	UC	1	
MIKELIS PETER	STENGEL FIELD	UC	2	
MIKESELL MARILYN P	5 GR GEN DEL U STA	UC	2	
MILAM DANIEL WARD	151 FLAVET 2	UC	2	
MILAM ROBERT R JR	SN HSE	UC	2	7353
MILES EUGENE F	423 MU BX 2841	AS	4	
MILES FRANK DUNCAN	COMMUTES TAMPA	GR	5	
MILES JEANNE ELISE	DDD HSE	AS	3	8603
MILES JESSE MCLANE	921 SO GEN DEL U STA	UC	1	
MILES THOMAS ARTHUR	FOREST PARK BX 326	UC	2	5134
MILIAN CHARLES HAROLD	BX 2236 U STA 55 TH	UC	2	
MILICEVIC MIKE	56 TH GEN DEL UNIV	SAG	3	
MILLAR ALBERT S C	381 MU GEN DEL U STA	UC	2	
MILLAR FAYE LOUISE	116 GR GEN DEL U STA	UC	2	
MILLAR ROBERT CAMERON	529 NW 22ND ST	GR	5	
MILLARD HERBERT WAYNE	COMMUTES OCALA	GR	5	
MILLER ANNIE NOBLES	232S FLAVET 3	AR	4	
MILLER CHARLES R JR	1928 NW 1ST AVE	BA	4	
MILLER CURTIS EDWARD	741 SW 2ND AVE	BA	4	
MILLER DANIEL WEBSTER	SAE HSE	UC	2	4513
MILLER DAVID FRANCIS	TOLBERT HALL	BA	4	
MILLER DEE CATHERINE	193 RI	UC	1	
MILLER EMILY GARRETT	COMMUTES HAWTHORNE	GR	5	
MILLER ERWIN ROBERT	321 SW 13TH ST	LW	2	
MILLER EVALYN	79 GR GEN DEL U STA	ED	3	
MILLER FRANK HELD	68 BU GEN DEL U STA	ED	3	
MILLER FRANK HOTEN	133 SD GEN DEL U STA	AG	4	
MILLER FRANK LYNNE	1734 NW 1ST AVE	EG	4	
MILLER FRED LOUIS	113 UNIV AVE	UC	2	4447
MILLER GLENDA MOORE	1417 NW 7TH AVE	UC	2	
MILLER HENRY HAYWOOD	7 DORM N GEN DEL U	SUC	2	
MILLER HERBERT E	GEN DEL U STA	UC	2	
MILLER HUGH MELVIN	SC HSE	BA	4	
MILLER IRWIN	1432 W UNIV	AR	3	
MILLER JACKSON D III	1213 SW 2ND AVE	LW	1	
MILLER JAMES EDWARD	COMMUTES HAWTHORNE	LW	2	
MILLER JESSE CAMERON	102 NW 13TH ST	AS	3	
MILLER JOHN ADAM	814 11TH AVE NW	LW	2	4715
MILLER KARL PHILIP	PIKP HSE	UC	2	

MILLER MAXINE C	COMMUTES LIVE OAK	ED	4	
MILLER MINNA LITTLE	1021 5TH AVE	ED	3	
MILLER MORTON SIDNEY	AEP HSE	UC	2	
MILLER NANCY MONROE	618 SW 10TH ST	ED	3	
MILLER PATRICK H A	212R FLAVET 3	BA	4	
MILLER ROBERT	406 MU GEN DEL U STA	UC	2	
MILLER ROBERT GERALD	232S FLAVET 3	AG	4	
MILLER ROBERT NEAL		UC	1	
MILLER ROBERT NELSON	102 NW 13TH ST	UC	2	
MILLER ROBERT PALM	SN HSE	UC	2	
MILLER ROY BRADLEY JR	830 NO	UC	1	
MILLER RUSEL OKLE	401 SW 3RD AVE	UC	1	4689
MILLER RUTH M	PATRICK & PIERCE CTS	GR	5	
MILLER STANLEY G	873 SO	UC	1	
MILLER STUART JAY	6 DORM R	UC	1	
MILLER STUART MARK	731 TO	UC	1	
MILLER WM DUNHAM	SAE HSE	BA	3	4513
MILLER WM GILBERT	403 NE 9TH ST	GR	5	7188
MILLERGREN CLIFFORD C	921 SW 2ND AVE	GR	5	
MILLICAN CHAS NORMAN	1405 NE 4TH ST	GR	5	
MILLICAN GEORGE C	208 ANNIS BX 2811	GR	5	
MILLS GEORGE Y JR	358 MU	UC	2	
MILLS JAMES RAYMOND	COMMUTES MACCLENNY	GR	5	
MILLS JOHN MELVIN JR	1409 N W 6TH PL	EG	4	6978
MILLS JOHN WESLEY	PIKA HSE	UC	2	
MILLS JOYCE ELANORE	215 RI	UC	1	
MILLS LAWRENCE W	RT 3 BX 285H	UC	2	7329
MILES MARY JANE	COMMUTES TAMPA	GR	5	
MILLS RICHARD AMBROSE	PDT HSE	UC	2	
MILLS ROBERT CHARLES	PDT HSE	UC	2	
MILLSIP JOHN WINFIELD	116 NE 20TH DR	BA	4	
MILNER CATHRINE K	232C FLAVET 3	AS	4	
MILSTEIN JOE JERRY	1010 WE	UC	1	
MILTON BARBARA JUNE	235 REID HALL	UC	2	
MILTON CHARLES B	202T FLAVET 3	EG	4	
MILTON GRACE MARIE	202T FLAVET 3	UC	2	
MILTON RAY EUGENE	1002 W UNIV	EG	4	
MIMBS CYNTHIA ANN	224 SW 2ND PL	UC	2	
MIMS CHARLES EDWARD	1434 NW 3RD AVE	UC	1	
MIMS CHARLES S	1016 NW 12TH AVE	GR	5	7445
MIMS JOSEPH RYBURN	PGD HSE	AG	3	
MIMS WILLIAM EARL	387 MU	UC	2	
MIMS WM LOVANDA	BOCKLERS TR CT	UC	2	
MINARDI RUSSELL JOS	727 TO	UC	1	
MINCH PAUL DEAN	13 DORM B GEN DEL	AS	3	
MINCHEW DORRTHY S	COMMUTES ATLANTIC BC	GR	5	
MINCHEW LESLIE DAVID	102 NW 20TH DR	BA	4	6032
MINCZER PAUL FRANK	678 TH GEN DEL U STA	ED	4	
MINETREE J ALLEN	958 E UNIV	FY	4	7598
MINNICH DONALD KAY	732 TO	UC	1	
MINNICH HAROLD L	130 FLAVET 2	BA	3	
MINNICK MARJORIE ANN	1824 NW 5TH AVE	UC	1	
MINOR RICHARD HARROLD	SPE HSE	LW	3	5903
MINTON MARILYN JANE	208 RI	UC	1	
MINTURN INDIA BESS	92 YU	UC	1	
MINTZ STANLEY	6 DORM L GEN DEL U S	UC	1	
MIRA DOLORES Y	37 MA	UC	1	
MIRABELLA SAMUEL	299 FR BX 2724	BA	4	
MIRANDA JOSE ANTONIO	751 F UNIV	UC	2	
MIRE LEROY JOSEPH	211R FLAVET 3	UC	2	
MISSING EARLE EDWARD	1240 NW 21ST AVE	AR	4	
MITCHEL STANLEY D	PILP HSE	UC	2	9843
MITCHELL ALTON G	1 DORM C DTD HSE	EG	3	9181
MITCHELL CHAS M JR	1119 SW 4TH AVE	AG	3	
MITCHELL CLEO	COMMUTES CALLAHAN	ED	6	
MITCHELL ERVIN BURCH	1440 W UNIV	UC	2	
MITCHELL GWENDOLYN R	117 NW 16TH ST	AS	3	9055
MITCHELL JAMES EUGENE	CLO HSE	UC	2	
MITCHELL JOE H	201 SD GEN DEL U STA	EG	3	
MITCHELL JOSEPH P	BX 712 TO	UC	1	
MITCHELL SOPHY MAE	1888 RI	UC	2	
MITCHELL THOMAS L	498 MU GEN DEL U STA	UC	1	
MITCHELL WILLIAM F	1432 W UNIV	UC	2	9259
MITCHELL WILLIAM R	342 MU GEN DEL U STA	UC	2	
MITCHUM WILLIAM J	211B FLAVET 3	BA	3	

MIXON CLARENCE RAY	1409 SE 1ST AVE	AG	4	
MIXON PHARES LEROY	COMMUTES ALACHUA	GR	5	
MIXSON JAMES KIRKLANDC	COMMUTES WILLISTON	UC	2	
MIXSON JOHN B 111	PIKA HSE	AS	4	9037
MIXSON WALTER EDW SR	304 SW 3RD ST	UC	2	
MIZELL BASCOM F	1938 NW 7TH LANE	UC	1	4060
MIZELL JAMES THOMAS	DC HSE	UC	2	7429
MIZELL JOHN JOSEPH JR	115 SD GEN DEL U STA	UC	2	
MIZELL ROY HOLMES	1007 SW 7TH AVE	UC	2	3965
MIZRACH LARRY MELVIN	1033 WE	UC	1	
MOBLEY GERALD HOBART	308 FR GEN DEL U STA	BA	4	
MOBLEY ROBERT LEE	423 NW 10TH AVE	UC	1	
MOED MORRIS CHARLES	805 NE 9TH ST	UC	1	7129
MOED SHELDON IRWIN	PILP HSE	PH	3	9168
MOFFETT RICHARD G	KA HSE	BA	4	8883
MOFFITT MARTHA ANN	272 RI	UC	2	
MOGER JACK BAILEY	3 DORM L GEN DEL U SU	UC	1	
MOGYOROSY ROBERT S	598 TH DC HSE	EG	4	
MOHLER ROBT LAWRENCE	497 MU SC HSE	AG	3	
MOHME FRANCIS WILLIAM	19 BU BX 2064	UC	2	
MOHRFELD ROBERT W	288 BU BX 2058	GR	5	
MOILANEN TAUNO EDWIN	917 NW 9TH AVE	AR	4	
MOLLAN JOHN F III	469 MU	UC	1	
MOLLNOW MARVIN A	473 MU GEN DEL UNIV	UC	2	
MOLLO WALTER LUCIAN	4 DORM L BX 5055	UC	2	
MOLPUS FREDERICK D	667 TO	UC	1	
MONCRIEF DORIS	1220 7TH TER GEN DEL	UC	2	
MONEYPENNY CHAS H JR	1219 W UNIV	UC	2	8863
MONFORT JAY BROWN	8A DORM L GEN DEL U	UC	1	
MONFORT WM FRANKLIN	436 MU GEN DEL	UC	2	
MONROE DARRELL WM	356 BU SAE HSE	UC	2	
MONTAGUE THOMAS R	448 MU GEN DEL U STA	BA	3	
MONTANA ARMANDO	104F TH BX 2602	UC	2	
MONTANARI JOHN HENRY	1426 W UNIV	UC	2	
MONTELARO JAMES	629 S W 9TH ST	GR	5	8194
MONTERO ANTONIO L JR	688 TO	UC	1	
MONTES ALFREDO	419 MU BX 2301	UC	2	
MONTESANO JOSEPH JOHN	1602 NW 6TH ST	UC	1	5401
MONTGOMERY CHARLES C	240 SW 3RD ST	UC	2	8762
MONTGOMERY JAMES F	210 SW 12TH ST	AS	3	
MONTGOMERY JOSEPH G	GEN DEL U STA	GR	5	
MONTGOMERY RICHARD J	8C FLAVET 1	BA	3	
MONTGOMERY SARAH D	COMMUTES FERNANDINA	GR	5	
MONTGOMERY TERESA L	223 RI	UC	1	
MONTGOMERY WARREN W	456 MU PIKA HSE	BA	4	
MONTIETH JOE WILLIAM	5A DORM C GEN DEL U	UC	2	
MONTILLA RUDOLPH E	294 FR GEN DEL UNIV	UC	2	
MONTRESSOR RONALD D	742 TO	UC	1	
MONTSDEOCA FRED	492 MU BX 2084	PE	4	
MOODY CLAUDE JOYNER	1029 WE	UC	1	
MOODY EILEEN NELSON	25 SW 7TH ST	UC	2	3417
MOODY FOREST B JR	109 TH GEN DEL U STA	FY	3	
MOODY HIRAM JAMES	1025 W UNIV	AS	3	
MOODY PAUL MOULTON	25 7TH ST SW	AG	3	
MOODY TAM DAVID	1135 W UNION	UC	2	
MOOERS JOHN WRIGHT	59A TH BX 2125	UC	2	
MOON JACOB ROBERT JR	630 NE 9TH AVE	AS	6	
MOOR WILLIAM L	SAE HSE	LW	3	4513
MOORE ALBERT MITCHELL		LW	1	
MOORE ANTHONY JOS	516 MU GEN DEL U STA	UC	2	
MOORE BARBARA ANN	51 MA	UC	1	
MOORE CLARA LUGENIA	920 W UNIV	ED	3	7460
MOORE EDWIN WRIGHT	791 NO GEN DEL U STA	UC	1	
MOORE ELIZABETH ANNE	1906 E UNIV	GR	5	
MOORE FRED WILLIAM	217 FR GEN DEL U STA	UC	2	
MOORE GENE	1715 NW 8TH AVE	LW	1	
MOORE HAROLD EDW	82B TH GEN DEL U S	PE	4	
MOORE JAMES SEWELL	902 SO	UC	1	
MOORE LESLIE A	COMMUTES JAXVILLE	GR	5	
MOORE MARY ALLEN	COMMUTES HILLIARD	GR	5	
MOORE NORMAN MERRILL	SC HSE 335 MU	UC	2	
MOORE OREN GETCHELL	SC HSE	BA	4	
MOORE RAYMOND JOSEPH	915 SW 6TH AVE	PH	4	
MOORE RICHARD GLENDY	103 NW 11TH ST	PH	4	3209
MOORE RICHARD M	DORM O GEN DEL U STA	UC	2	

MOORE ROBERT LOUIS	COMMUTES BROOKSVILLE	GR	5		
MOORE SHIELDS EVANS	GEN DEL U STA 82 TH	UC	2		
MOORE STUART PRESTON	143 FLAVET 2	UC	2		
MOORE THOMAS AULSTON	COMMUTES HILLIARD	GR	5		
MOORE THOMAS W JR	428 MU DTD HSE	UC	2		
MOORE VIRGIL V III	58 TH SPE HSE	UC	2		
MOORE WILLIAM CECIL	1123 SW 1ST AVE	AG	3	9054	
MOORHEAD ANN	146 YU	UC	1		
MOORHEAD BOBBIE JEAN	15 MICHAEL	AR	3		
MOOSE GRACE NORVELLA	225 RI	UC	2		
MOOTY TOM RIPLEY	1218 SW 4TH AVE	BA	4		
MOOTY WILLIAM GEORGE	134 SD GEN DEL U STA	AG	4		
MORA EDWIN MILTON	626 TO	UC	1		
MORADIELLOS RALPH R	69A TH GEN DEL U STA	UC	2		
MORALES JULIO A	1211 NW 10TH AVE	GR	5	4975	
MORAN STEPHEN ROGER	1725 NW 6TH AVE	UC	2		
MORANT CHARLES	716 TO	UC	1		
MOREDOCK WM JOSEPH	674 TO	UC	1		
MOREE BILLY R	185 SD	UC	2		
MOREE RUBY RICHARDSON	COMMUTES HIGH SPRING	GR	5		
MORELAND HAROLD L JR	200U FLAVET 3 GEN DE	UC	2		
MORELAND JIM NIEL	1007 E UNIV	UC	1		
MORELAND MARY R P	1007 E UNIV	UC	1		
MORELOCK EUGENIA B	1114 NW 231 BLVD	GR	5	8684	
MORELOCK JAMES C	1114 NW 23RD BLVD	GR	5	8684	
MORELL LUIS	46 BU BX 2772	PH	4		
MORENO BERNARDO	510 N W 13TH TERR	UC	2		
MORFORD THOMAS H	115 FLAVET 2	UC	2		
MORGAN CLYDE WM JR	116 NW 16TH ST	AR	4		
MORGAN DAVID CLYDE	366 MU BX 2596	ED	3		
MORGAN EDITH IRENE	111 NW 7TH TERR	ED	4		
MORGAN ELIZABETH ANN	PALM TERR	GR	5	4668	
MORGAN HARMON PERCY	COMMUTES STARKE	GR	5		
MORGAN HENRY THOMPSON	324 FR GEN DEL U STA	PE	4		
MORGAN MARCELLUS	3114 NW 14TH ST	GR	5		
MORGAN PHILIP WRIGHT	225 SW 3RD AVE	PH	4		
MORGAN THOS GILLIS JR	KA HSE	BA	4	8883	
MORGAN WARREN ALBERT	102 NW 15TH ST	UC	2		
MORGAN WM LOUIS	COMMUTES	GR	5		
MORIARTY JOHN D	12 BU BX 2051	LW	3		
MORIN KARL V	116 NW 12TH ST	EG	6		
MORRELL FRANCIS A	1126 SW 2ND AVE	UC	2		
MORRILL NINA JANE	1236 W UNIV	UC	2		
MORRILL ROBERTA	910 S W 7TH AVE	GR	5		
MORRIS ALTON C JR	1227 NW 4TH AVE	EG	3	7072	
MORRIS BARBARA JOYCE	ACO HSE	UC	2	8733	
MORRIS BIRLY FRINK	472 MU GEN DEL	UC	2		
MORRIS CHAS FRANCIS	ZBT HSE BX 2656	BA	4	7693	
MORRIS CHARLES F	COMMUTES MILTON	GR	5		
MORRIS DAVID KILBURN	224 FR BX 2906	AS	4		
MORRIS HOWARD C	RT 1 BX 18	AR	3		
MORRIS IVY S	BX 2591	UC	2		
MORRIS JAMES BYRON	PSK HSE	UC	2	9139	
MORRIS JAMES FRANKLIN	1417 NE 1ST AVE	ED	4		
MORRIS J THOMAS	GEN DEL	UC	2		
MORRIS NEAL JR	839 SO	UC	1		
MORRIS OSCAR D	704 SW 2ND AVE	EG	3	7257	
MORRIS ROBERT DUPREE	SAE HSE	AR	3	4513	
MORRIS ROBERT EDWARD	24A BU	EG	4		
MORRIS ROBERT EDWIN	662 TO	UC	1		
MORRIS SIDNEY	453 MU BX 3102	BA	4		
MORRIS WM CHESTER	1010 W UNIV	LW	3		
MORRIS WM JOSEPH	450 MU GEN DEL U STA	AS	4		
MORRISON ANDREW W	1604 NW 3RD PL	UC	1		
MORRISON CHARLES S	GEN DEL U STA	UC	2		
MORRISON GEORGE S III	SPE HSE	EG	3	5903	
MORRISON HELEN E	57 GR BX 2139	AS	3		
MORRISON JESSE L	KA HSE	BA	3	8983	
MORRISON LEROY E	SPE HSE	BA	4	5903	
MORRISON ROBERT CHAS	1604 NW 4TH AVE	AS	4	5396	
MORRISON SHEILA G	1604 NW 4TH AVE	GR	5	5396	
MORRISS ROBERT H	13A BU BX 2259	UC	2		
MORRO FERDINANO JOS	146 SD GEN DEL U STA	UC	2		
MORROW BARBARA JEANNE	174 YU	UC	1		
MORROW MARION WHYTE	HIBISCUS PARK	AS	4		

MORROW ROBERT EARL	SC HSE	AS	3	
MORROW WILLIAM RILEY	RT 8 HIBISCUS	JM	4	
MORSE EDWARD M	117 NW 15TH ST	AG	3	6203
MORSE JACQUELINE LYLE	221 RI	UC	1	
MORSE JULIAN DEMOSSE	COMMUTES JAX	GR	5	
MORTON ALICE LOUISE	1532 NW 3RD AVE	ED	3	8394
MORTON JAMES O JR	12 DORM R	UC	1	
MORTON SHIRLEY A	211 NW 16TH ST	AS	3	
MOSBY DONALD KUEBLER	1040 WE	UC	1	
MOSELEY BERNARD RAY	414 MU BX 2046	UC	2	
MOSELEY DOROTHY M	COMMUTES TAMPA	GR	5	
MOSELEY JAMES ALAN	843 SO	UC	1	
MOSER WM STANWIX	20C SD KS HSE	UC	2	
MOSES CHARLEY DANIEL	GEN DEL U STA 9 DORMAS		3	
MOSES CHARLES WM	686 TO	UC	1	
MOSES CREGG FRANCIS	193 SD BX 2561	BA	4	
MOSES EDMOND B JR	270 FR ATO HSE	UC	2	
MOSES MORRIS SHELDON	7 BU GEN DEL UNIV S	PH	3	
MOSS ALBERT ABEL	413 MU GEN DEL U STA	GR	5	
MOSS DANIEL ROLAND	621 TO	UC	1	
MOSTELLER CLYDE E	211 F D	UC	2	
MOSTELLER GORDON L	COMMUTES TAMPA	GR	5	
MOTT ROBERT LEE	808 NO	UC	1	
MOTT ROY FENTON	235D FLAVET 3	AG	4	
MOTT SARA MYRTLE	COMMUTES PALATAKA	ED	4	
MOTTAYAW JACOB C JR	660 TO	UC	1	
MOTTER RICHARD ALLEN	13A DORM M	UC	1	
MOUHOURTIS JIMMIE M	73 TH GEN DEL	UC	2	
MOUNTAIN JACK MERCER	142 SD BX 2454	BA	4	
MOUNTAIN MARCEL B	897 SO	UC	1	
MOUNTAIN RONALD H	7 DORM L GEN DEL U	SUC	1	
MOWRY HENRY NELSON	422F MU GEN DEL U	STED	6	
MOX STEPHEN THOMAS	206R FLAVET 3	ED	4	
MOYE SAMUEL LENTZ JR	717 NE 3RD ST	PH	4	
MOYER ADAM R	WE	UC	2	
MOYER JOHN RICHARD	IDEAL TR PARK	EG	4	
MOYLE MORTON PETER	108 TH GEN DEL U STA	GR	5	
MULDAWER PAUL	1026 WE	UC	1	
MULDER STANLEY B	1002 W UNI	AS	4	8913
MULLARKEY JOSEPH JAS	MU L 501	UC	1	
MULLEN JEANE MARIE	17 MICHAEL	UC	2	
MULLER JEANNE F	1113 NW 4TH AVE	AS	3	
MUMFORD ANDRE ROBERT	1227 SW 1ST AVE	AR	3	7429
MUNN RICHARD GEORGE	204 SD BX 3074	UC	2	
MUNSON ROSWELL W	RT 4 ARCHER RD	AR	3	4922
MURARO LOUIS JOHN	AGR HSE	AG	4	
MURASKI JOHN BUDD	4 DORM L GEN DEL U	SUC	2	
MURDOCH WARREN K	10 DORM S GEN DEL U	UC	1	
MURDOCK CHARLES K	353 MU BX 2022	UC	2	
MURPHREE CATHERINE	1040 NE 5TH TERR	GR	5	
MURPHY DONALD JOS	271 FR KA HSE	AR	3	
MURPHY FRANK WILBURN		UC	2	8556
MURPHY FRED THOMAS	TH 110F	UC	2	
MURPHY GERALD	346 MU BX 2477	PH	3	
MURPHY JAMES W	259 FR ATO HSE	UC	2	
MURPHY JAMES WARREN	77A TH GEN DEL	UC	2	
MURPHY JOAN EMILY	2 GR	UC	2	
MURPHY JOHN GERALD	1237 SW 2ND BX 2717	LW	3	
MURPHY JOHN LEO	COMMUTES MICANOPY	GR	5	
MURPHY KENNETH M JR	MU GEN DEL U STA	PH	4	
MURPHY MARGARET MARY	77 MA	UC	2	
MURPHY MARY ANNE	69 MA	UC	1	
MURPHY PAUL DEVLIN	SW 1ST AVE	UC	2	
MURPHY RICHARD HENRY	WE GEN DEL U STA	UC	2	
MURPHY WALTER ROBERT	117 NW 15TH ST	EG	4	6203
MURPHY WILLIAM F R	COMMUTES MICNOPY	AS	3	
MURRAY ELEANOR MAY	52 MA	UC	2	
MURRAY EMMA HALFORD	COMMUTES BUNNELL	ED	4	
MURRAY GEO F JR	CRANE HALL	UC	1	
MURRAY JAMES DAVID	13 DORM C TC HSE	UC	2	
MURRAY JAMES IRA C	BX 2329 U STA 453 MU	UC	2	
MURRAY JOHN RALPH	BRIARCLIFF DR	GR	5	6208
MURRAY JULIAN NATHAN		UC	2	
MURRAY OWEN FRANCIS		UC	2	
MURRAY ROBERT WALKER	513 MU SPE HSE	UC	2	

MURRELL ROBERT GEO	1228 W UNIV	LW	1	4537
MURSINNA BARBARA C	1614 W UNIV	AS	3	8780
MUSGROVE HURSCHELL	217C FLAVET 3	EG	4	
MUSSEAU ADLAI ANTHONY	12 NE 4TH ST	AG	4	3006
MUSSELWHITE MARY LOU	60 MA	UC	1	
MUSSON GEORGE EDWARD	GEO SEAGLE HALL	AG	4	
MUSTAKAS PARRIS PAUL	350 MU BX 2593	UC	2	
MYER MARSHALL E JR	WESLEY FOUNDATION	ED	4	
MYERS JAMES THOMAS	GEN DEL U STA	AG	3	
MYERS JOSEPH ADRIAN	370 MU BX 3074	AG	3	
MYERS JULIAN MOSTELLART	5 HIBISCUS PK	GR	5	7254
MYERS MARILYN M	1009 NW 3RD AVE	ED	4	
MYERS PAUL TILLMAN	GEN DEL	LW	2	
MYERS RALPH EDWARD	19 NE 13TH ST	AR	3	
MYERS WAYNE P	51 0 FLAVET 1	AR	4	
MYHRE LEROY NORMAN	PKT HSE	BA	4	8623
MYRICK BISHOP MASON	507 SE 8TH	GR	5	7402

N

NABELL EUGENE VICTOR	1420 W UNIV	AG	4	
NACCARATO NATALE	940 WE	UC	1	
NADEAU VIRGINIA Y	113 YU	UC	1	
NADER NICHOLAS	314 FR BX 2653	AS	4	
NAGLE ESSIE MAE	COMMUTES	GR	5	
NAGLE LEVI M JR	2108 FLAVET 3	GR	5	
NALL MIRIAM LEE	237 RI	UC	2	
NALLEY JOEL	COMMUTES	GR	5	
NANCARROW ROBT EDWARD	2205 NW 8TH CT	AR	4	5598
NANCE LUTHER CLAYTON	735 E UNIV	LW	1	
NANESS CHAS HASKELL	295 FR BX 2501	PH	4	
NARKI FRANK WM	29 TH BX 2486	PH	3	
NARUP EMILY ELIZABETH	83 MA	UC	1	
NARUSHKO RAYMOND	7 DORM O GEN DEL	UC	2	
NASH CHARLES MILWARD	PKT HSE BX 2536	BA	4	
NASH HENRY WARREN	203 NW 17TH ST	GR	5	
NASH JAMES LEWIS JR	44 BU BX 3005	GR	5	
NASH JOHN D		UC	2	
NASH SEYMOUR CY	TEP HSE	UC	2	8863
NASON CLARICE	CO HSE	UC	2	4953
NASRALLAH RAYMOND A	898 SO	UC	1	
NASRALLAH SAMUEL A	COMMUTES JAX	GR	5	
NATION MURIEL A	117 YU	UC	1	
NAUGHTON CAROLYN JOAN	GR	UC	2	
NAUGLE JAMES EARL	139 SD GEN DEL U STA	UC	2	
NAVA MARILYN GEANETTE	70 GR	UC	2	
NAVARRO ROLANDO P	39 MU BX 2308	UC	2	
NEAL JAMES RALSTON	387 MU GEN DEL U STA	UC	2	
NEAL KATHERINE J	1228 W UNIV	UC	2	
NEAL LOUISE B MC	COMMUTES OCALA	UC	2	
NEAL ROBERT LEE	1120 SW 1ST AVE	AR	4	
NEBIOGLU MEHMET ORHAN	106 NW 10TH ST	EG	4	
NEEDELMAN SIDNEY	414 NE 5TH AVE	GR	5	
NEEDHAM HENRY W	987 WE	UC	1	
NEEDHAM ROSCOE G	633 TO	UC	1	
NEEDLEMAN WILBERT	255T FLAVET 3	PH	3	
NEELY ROBERT DREW	1604 W UNIV	UC	2	4711
NEET JAMES WILLIAM	281 FR GEN DEL U STA	AR	4	
NEFF THOMAS ONEIL	BIVINS ARM	GR	5	
NEFFINGER DIXIE L	1054 BROWER CT	UC	1	8355
NEFFINGER GEO GAIL	1054 BROWER ST	BA	4	8355
NEGRON ANNIE CORDERO	66 MA	UC	2	
NEGRON CARLOS R	246U FLAVET 3	UC	2	
NEIGHBORS HUGH B	115 NW 10TH ST	UC	2	9222
NEIGHBORS MARIAN	84 MA	UC	1	
NEIDE PETER BUTLER	4 DORM M	UC	1	
NEIS GERTRUDE M	COMMUTES OCALA	GR	5	
NEISEN S ALLEN	194 NO	UC	1	
NELLER JOHN FREDERICK	1124 NW 10TH AVE	UC	2	7237
NELLER ROTH DWIGHT	964 WE	UC	1	
NELSON ANNE LYNNE	120 YU	UC	1	
NELSON BETTY LEE	119 FLAVET 2	UC	2	

NELSON CAROL ANNE	102 GR	ED	3		
NELSON CLAYBORNE R	GEN DEL	AR	4		
NELSON GIDEON E JR	124 FLAVET 2	GR	5		
NELSON JANET FLORENCE	102 GR GEN DEL U STA	AR	3		
NELSON JOHN RICHARD	1914 NW 12TH TER	UC	2	8898	
NELSON JOHN ROBERT	1321 NW 3RD AVE	BA	4		
NELSON LOUIS ROBERT	ATO HSE	AG	3		
NELSON MARVIN LEWIS	1017 SW 1ST AVE	UC	2		
NELSON MERRILL DEAN	PKT HSE	UC	2	8623	
NELSON PATRICIA ANNE	42 MA	UC	1		
NELSON WENDELL L	119 FLAVET 2	BA	4		
NESBITT JOHN HUBERT	915 SO	UC	1		
NESBITT JOSEPH	862 SOUTH HALL	AS	4		
NESBITT MELANIE L	COMMUTES ST AUG	GR	5		
NESMITH CHAS THEODORE	1666 NW 15TH ATO HSE	AG	3		
NETSCHER EDWARD WM	11 DORM C GEN DEL	UC	2	9181	
NETTLES LAWRENCE B	831 NO	UC	1		
NEUBAUER GERHARDT WM	902 SW 2ND AVE	GR	5		
NEUMANN ROBERT SCOTT	356 MU GEN DEL U STA	UC	2		
NEUMANN SALLY ANN	111 YU	UC	1		
NEUSAENGER JOHN DAVID	280 FR GEN DEL U STA	UC	2		
NEVILLE GLENN E	221S FLAVET 3	GR	5		
NEVILLE TOVE ESTHER	221S FLAVET 3	UC	2		
NEVINS LOIS FAYE	1104 SW 1ST AVE	AS	3	9504	
NEWBERG EVELYN AMANDA	COMMUTES	ED	4		
NEWBURY GEORGE H	716 NW 31ST PL	UC	2		
NEWBURY JAMES G	529 SE 1ST AVE	EG	4		
NEWELL CAROL MILLER	7 MICHAEL	GR	5		
NEWELL DAVID R	COMMUTES FORT WHITE	UC	2		
NEWELL EMERY JORDAN	SN HSE	LW	2	7353	
NEWELL PRISCILLA B	DDD HSE	AS	4	8603	
NEWELL RICHARD ALLEN	GEN DEL U STA88 TH	UC	2		
NEWLANDS DOUGLAS D	18 SW 3RD AVE	UC	1		
NEWMAN EDWIN LEE	103 NW 14TH ST	UC	1	3416	
NEWMAN FLOYD W JR	609 SW 9TH ST	GR	5		
NEWMAN HOWARD GREGORY	26H FLAVET 1 BX 2683	UC	2		
NEWMAN RICHARD ALAN	4 DORM C BX 3046	UC	2		
NEWMAN RICHARD OGLE	SN HSE	UC	2		
NEWNHAM JOE ALBERT	59 TH GEN DEL U STA	EG	3		
NEWSOM GEORGE W	1053 W UNION	BA	4		
NEWSOM MALCOLM G	DC HSE BX 2748	EG	3		
NEWTON ALBERT TANEY	220 FR BX 2354	AG	4		
NEWTON JANE ANNE	1106 SW 4TH AE	ED	4	8733	
NEWTON WALTER CHAS	DTD HSE	UC	2	8083	
NEY WILLIAM ALBERT	110 NW 15TH ST	GR	5		
NIBLACK CAREY TEEN		UC	2		
NIBLACK JAMES F	521 F UNIV	UC	2		
NICHOLAS GREGORY NICK	1632 NW 3RD PL	GR	5		
NICHOLLS THOMAS A	843 SO	UC	1		
NICHOLS BENJAMIN C	DTD HSE	UC	2	8083	
NICHOLS HENRY HEARD	670 TO	UC	1		
NICHOLS HUGH H JR	202 SD	UC	2		
NICHOLS JACK CLYDE	MU GEN DEL U STA	UC	2		
NICHOLS JAMES ALVIN	10 DORM A GEN DEL U	AG	3		
NICHOLS JAMES CARROLL	638 TO	UC	1		
NICHOLS JOHN WILSON	300 NE 11TH ST	GR	5		
NICHOLS LAURA ELEANOR	BX 102 YU	UC	1		
NICHOLS LEROY WELLING	504 NE 4TH AVE	UC	2		
NICHOLS MICHAEL GEO	210R FLAVET 3	UC	2		
NICKEL LEON WILLIAM	306 FR	BA	3		
NICKERSON GLEN	RT 3 BX 253A	EG	3		
NICOLETTO JOE P	54 FLAVET 1	PH	4		
NIELAND DAVID OWENS	416 NE 3RD AVE	UC	2	5783	
NIELSEN RICHARD PETER	310 FR DTD HSE	UC	2		
NIMTZOWITZ ARNOLD	1105 W UNIV BX 551	BA	3	8863	
NIPPER GEORGE LARRY	798 NO	UC	1		
NIRENBERG MARSHALL W	1202 NW 11TH AVE	GR	5	4894	
NIX CHARLES FLOYD	313 FR BX 2248	BA	4		
NIXON WILLIAM LEWERS	178 BU GEN DEL U STA	BA	3		
NOBLES LEWIS J JR	213 FR BX 2373	BA	4		
NOBLIT GRANVILLE E	390 MU GEN DEL	UC	2		
NODINE MARGARET ELIZ	90 MA	UC	2		
NODINE WILLIAM EDWARD	CLO HSE	LW	3		
NOKAY REMZI	1604 NW 4TH AVE	GR	5		
NOLAN CLIFFORD NEWELL	1315 NW 2ND AVE	AG	3		

NOLAN DAMON HENRY	GEN DEL U STA	UC	2	
NOLAN GUSS HERBERT	377 MU GEN DEL U STA	UC	2	
NOLAN JAMES SAMUEL	401 NW 1ST ST	UC	2	
NOLAN JOHN JOSEPH	COMMUTES ST PETE	GR	5	
NOLAND BRUCE MYRON	WE 1038	UC	1	
NOLAND ROBERT EDGAR	GA SEAGLE HALL	AS	3	
NOLES CHARLES FRANCIS	55 TH GEN DEL U STA	ED	4	
NOLES RICHARD KENNETH	1 DORM N DTD HSE	ED	4	
NOLIN PERRY THOMAS	103 NW 14TH ST	ED	4	
NOLIN TOMMIE COTTON	103 NW 14TH ST	ED	3	
NOLL DOLORES LOUISE	1120 NE 3RD ST	AS	3	4220
NOLL RICHARD LEWIS	414 S MAIN GEN DEL U	UC	2	4598
NORA ROBERT WILLIAM	410 NW 13TH ST	AR	4	
NORBERG VICTOR A	922 SO	UC	1	
NORD ROBERT ARNOLD	1219 W UNIV	EG	4	
NORDMANN GEORGE OTTO	1962 HERNANDO	UC	2	
NORFLEET BETTY ANNE	DDD HSE	AR	3	8603
NORIEGA JUSTO	120 SD GEN DEL U STA	UC	2	
NORMAN FLOYD DAWSON	195 SD BX 2561	AS	3	
NORMAN OLIVER M	KA HSE	AG	3	
NORMAN WILLARD HOPKIN	GEN DEL U STA	UC	2	
NORO FRANK	21 BU BX 2095	BA	4	
NORRIS DANA WM	668 TO	UC	2	
NORRIS FRED FELTON	803 NO	UC	1	
NORRIS JAMES W	231B FLAVET 3	AG	4	
NORRIS RUFUS EUGENE	53 TH GEN DEL UNIV	SUC	2	
NORTH ELSIE MAE	COMMUTES TAMPA	GR	5	
NORTHROP JAS CLEMENT	240 SE 2ND ST	AG	3	8762
NORTON THOMAS EUGENE	PDT HSE	AS	4	9122
NORTON WILLIAM A		GR	5	
NOSENCHUK MARTIN	1102 3RD AVE	AR	4	
NOVICK ELI	126 SD GEN DEL U STA	UC	2	
NOVOA WILLIAM B	114 SD GEN DEL U STA	UC	2	
NOWELL BEN SELBY	402 MU SAE HSE	UC	2	
NOWELL JOHN L	ATO HSE	UC	2	
NOWICKI ALEXANDER R	201 NW 10TH ST	AR	4	7319
NOWLIN JAMES WYATT	BX 2727 13 DORM B	UC	2	
NOWLIN ROBERT EMETT	1734 NW 1ST BX 2667	GR	5	
NOWLIN WILLIAM D	335 MU BX 2727	UC	2	
NUCKOLS CLARENCE B JR	KA HSE	LW	1	8883
NULTON LUCY		GR	5	
NUNEZ ERNEST PETER	641 TO	UC	1	
NUNEZ ROBERT FLOURNOY	1022 SW 8TH AVE	LW	3	5876
NUNN GEORGE LEE	603 NW 10TH AVE	EG	4	
NUNN ROBT LEE JR	450 MU 308 SW 13TH	SAG	3	
NUNNERY HILTON JAMES	GEN DEL U STA	GR	5	
NUZUM PAUL B	BX 285 RT 3	UC	2	
NYGREN HARVARD E	PKT HSE	BA	4	8623

O

OAKLEY ROBERT RAY	111 NE 8TH AVE	UC	2	
OATMAN HERBERT RUFUS	103 SW 12TH ST	EG	4	
OBANNON THOMAS CLYDE	17 DORM M GEN DEL U	UC	1	
OBERLIN BERNICE E	1105 SW 7TH AVE	GR	5	6384
OBERRY EDNA IRENE	COMMUTES BROOKSVILLE	ED	4	
OBRIEN JACK EDWARD	999 WE	UC	1	
OCALLAGHAN FRED J	1734 1ST AVE	UC	2	
OCONNOR DAVID EVANS	993 WE	UC	1	
OCONNOR RICHARD A	9 DORM M GEN DEL U	SUC	1	
OCONNOR TIMOTHY JOHN	1432 W UNIV	UC	2	9259
ODHAM MARSHALL GLENN	COMMUTES NEWBERRY	GR	5	
ODONNELL THEODORE R	315 SE 8TH AVE	EG	3	4992
ODUM HAROLD RALPH	TC HSE	AR	4	
OELZE GUY THOMAS	853 SO	UC	2	
OESTRICHER PHILIP F	14 DORM C	EG	3	
OGAN SERVETUS WESLEY	123 FLAVET 2 BX 2784	UC	2	
OGDEN BETTIE JEAN	61 MA	UC	1	
OGDEN JACQUELYN E	1326 NW 3RD AVE	GR	5	
OGDEN LEE CLYATT	1016 WEAVER	UC	2	
OGDEN MARVIN I	47 BU GEN DEL UNIV	SED	4	
OGLE BOYD	1002 W UNIV AVE	GR	5	

OGLESBY LAWRENCE T	232A FLAVET 3	ED	4	
OGLETREE JOHN BENNIE	153 SD GEN DEL U STA	UC	2	
OGLETREE WOODROW W	626 N E 1ST ST	UC	2	4722
OGREN DOROTHY ALICE		UC	1	
OHAIR DONALD CLARENCE	1624 NW 2ND AVE	BA	3	
OHARA FAYE	GEN DEL U STA	UC	2	
OHARA MARVIN A	COMMUTES LIVE OAK	GR	5	
OHARA WILLIAM DON	379 MU GEN DEL UNIV	PH	4	
OHARA WILLIAM HOWARD	COMMUTES HAWTHORNE	UC	1	
OKELLEY FRANK P	1065 WE	UC	1	
OKELLEY JAMES WALTER	SAE HSE	EG	3	
OKEN ALAN IRWIN	TEP HSE	UC	1	
OLDHAM GORDON G	305 NW 15TH TERR	LW	2	
OLDHAM LELLA O	COMMUTES JAX	GR	5	
OLEN ROBERT H	306 NW 16TH ST	UC	1	
OLEVIN SOL	428 NW 12TH TERR	PH	3	
OLIAN DAVID	377 MU PILP HSE	UC	2	
OLIVER BEVERLY	217 NW 3RD AVE	UC	2	5754
OLIVER FRANK VERN	5 DORM A GEN DEL	UC	2	
OLIVER HORACE DOZIER	101 W UNIV	GR	5	7746
OLIVER JACKSON LEE	67 TH GEN DEL UNIV S	BA	4	
OLIVER RAYMOND S	1116 SW 2ND AVE	UC	2	
OLIVER ROBERT GORDON	57 TH BX 2318	BA	4	
OLIVER SAMUEL	981 WE	UC	1	
OLLER BETTY GRACE	42 GR GEN DEL	UC	2	9145
OLLIFF HUDSON RUFUS	303 FR BX 2381	LW	2	
OLMSTEAD RICHARD I	GEN DEL	AS	4	
OLROYD FOSTER ALBERT	1018 NW 10TH AVE	ED	4	6268
OLSEN JULIAN OLE JR	1518 NW 7TH PL	GR	5	7877
OLSEN MARTHA LINNORE	1245 SW 1ST AVE	UC	2	
OLSEN MARTHA MAE	31 GR	UC	2	9145
OLSON ALEXANDER JOHN	251 FR GEN DEL UNIV	UC	2	
OLSON CHARLES ALBERT	907 SO	UC	1	
OLSON EDWARD FRANKLIN	SN HSE	UC	2	735
OLSON JEAN BERTHA	626 NW 23TH ST	GR	5	7736
OLSSON CARL NIELS	5 DORM N GEN DEL U S	UC	2	
ONARHEIM ERIK SAMSON	BTPI HSE	UC	2	4131
ONEAL CHARLES C	1028 SW 4TH AVE	LW	1	
ONEAL SOLON F JR	PKT HE	UC	2	8623
ONEILL PETER DAVID	DTD HSE	UC	2	
ONEILL RICHARD JOSEPH	20 SW 8TH ST	BA	3	8607
ONKEY RICHARD GALE	841 SO	UC	1	
OOSTERHOUDT FRANCIS S	491 MU SC HSE	UC	2	
OPP CARL BRADEN	230 FR BX 2554	GR	5	
OQUINN MARY ELLEN	1436 NW 6TH PL	ED	3	5175
ORAVEC ANDREW JR	137 SD GEN DEL U STA	UC	2	
ORDONEZ RAUL ARAGON	402 MU BX 2542	UC	2	
ORLIN DAVID	1204 W UNIV BX 2656	PH	4	
ORLINS SIDNEY	1105 W UNIV TEP HSE	UC	2	
ORME CHARLES NEWTON	COMMUTES CALLAHAN	GR	5	
ORNSTEIN SAMUEL LEO	GEN DEL U STA	GR	5	
OROSHNIK JESSE	BX 2119	GR	5	
ORR RICHARD CLIFTON	1834 NW 1ST AVE	UC	2	
ORTEGA MANUEL P	698 TO	UC	1	
ORTEGA MARGARET ANN	263 REID	UC	2	4400
OSBORNE WENDELL RAY	115 NW 10TH ST	UC	2	9222
OSHAUGHNESSY STERLING	1125 SW 4TH AVE	EG	3	
OSHESKEY RICHARD H	9 DORM B GEN DEL	UC	2	
OSHINS BERTRAM	244F FR BX 2813	PH	4	
OSIASON KENNETH	1642 W UNIV AVE	GR	5	
OSMAN CHARLES IRVING	1010 WE	UC	1	
OSSENFORT DOUGLAS J	PKT HSE	UC	2	
OSSI JOHN VINCENT	417 MU BX 2347	PH	3	
OSSINSKY ARTHUR M	864 SO	UC	1	
OSSORIO EARL KENNETH	8A BU BX 2419	EG	3	
OSTEEN HAROLD S	4A DORM A	UC	2	
OSTEEN HARRY ROBERT	902 SW 2ND AVE	AG	3	
OSTEEN HOWARD K	4A DORM A	UC	2	
OSTEEN PAUL LORIS JR	SPE HSE	BA	4	
OSTERBERG GILBERT E	COMMUTES PALATKA	GR	5	
OSTRANDER RICHARD J	123 SD BX 2591	UC	2	
OSULLIVAN JOHN F	53P FLAVET 1	GR	5	
OTTENBERG MARILYN J	14 MICHAEL	UC	2	
OTTLEY JEROME CHARLES	251S FLAVET 3	EG	4	
OTTO JOSEPH IV	1125 SW 4TH AVE	UC	1	

OUELLETTE JACQUELYN	V618 N W 34TH AVE	UC	1	6579
OUSLEY CHARLES EDWARD	D743 TO GEN DEL U STA	UC	1	
OUTEN DEWEY LEAVIT	215C FLAVET 3	EG	4	
OUTLER GLORIA PRINCE	145 FLAVET 2	ED	3	
OUTLER JASON CURRY JR	145 FLAVET 2	UC	2	
OVENS ELINOR VIRGINIA	PIERCE HARRIS CT	ED	6	
OVERBEY ROBERT E	372 MU SC HSE	UC	2	
OVERBY MARILYN ANN	905 NE 3RD AVE	UC	2	4986
OVERSTREET BENJAMIN	M886 SO	UC	1	
OVERSTREET MAE JOHNS	COMMUTES	ED	3	
OVERSTREET MURRAY W	ATO HSE	LW	1	4463
OVERTON BENJAMIN F	979 WEAVER	LW	2	
OWCA ALEXANDER EDW	381 MU BX 2688	EG	4	
OWEN CHARLES H JR	93 TH PIKA HSE	UC	2	
OWEN EMILY ANN	240 RI BX 2091	UC	2	
OWEN HARRY A JR	33RD AVE N W	GR	5	5552
OWEN JOHN MALCOLM	219D FLAVET 3	GR	5	
OWEN MICHAEL MILLER	1546 UNIV AVE	UC	2	8183
OWEN RICHARD WILBUR	30B BU GEN DEL U STA	EG	4	
OWEN ROBERT ALLEN	COMMUTES STARKE	UC	1	
OWENS DURWARD L JR	480 MU GEN DEL U STA	UC	2	
OWENS EDITH BOND	2240 NW 7TH LANE	AR	6	4051
OWENS JAMES HERBERT	85A TH GEN DEL U STA	AG	3	
OWENS JOHN MELVIN	741 SW 2ND AVE	BA	4	
OWENS ROBERT	34 BU GEN DEL U STA	BA	4	
OWENS THOMAS A JR	BTPI HSE	UC	2	4131
OWENS THOMAS PINCKNEY	95 GEN DEL U STA	FY	4	
OWENS WILLIAM LOGAN	779 NO	UC	1	
OWINGS WILLIAM MURPHY	793 NO	UC	1	
OWNBEY LILLIAN JANE	142 GR	ED	3	
OYER CHARLOTTE ANNE	129 GR GEN DELU STA	ED	3	
OYER LOIS PATRICIA	ACO HSE	ED	4	8733
OZAKI JOHN	W UNIV GEO SEAGLE HA	AG	3	

P

PACE DOROTHY ELIZ	1436 NW 6TH PL	AS	4	5175
PACE HARVEY R	GA SEAGLE HALL	UC	2	
PACE JACK WILBER	625 NE 6TH ST	PH	3	
PACE JOSEPH EUGENE	207T FLAVET 3	UC	2	
PACE PAUL EDWARD	503 MU BX 2246	UC	2	
PACETTI BARBARA JEAN	148 GR	UC	2	
PACETTI DONALD N	741 TO	UC	1	
PACHECO FERDIE	SPE HSE	PH	4	
PACKARD HERMAN W	GA SEAGLE HALL	UC	2	
PADGETT DONALD F	RT 2 BX 594	GR	5	4024
PADGETT JAMES PHILLIP	16 DORM K GEN DEL U	UC	1	
PADGETT MARIE INEZ	COMMUTES FT MECOY	GR	5	
PADGETT WILLIE P	COMMUTES WILDWOOD	GR	5	
PAGANINI CORAMAE H	201A FLAVET 3	UC	2	
PAGANINI LOUIS A	201A FLAVET 3	UC	2	
PAGE DANIEL BENNETT	333 MU TKE HSE	UC	2	
PAGE FRANKLIN M JR	1019 SW 7TH AVE	AR	3	
PAGE JACK	63A TH GEN DEL U STA	UC	2	
PAGE WILLIAM EDWARD	430 NE 9TH AVE	UC	1	6583
PAGELS EDWARD J	ATO HSE	BA	4	
PAGNINI ANITA JOAN	168 YU	UC	1	
PAIGE JAMES I	NIESENS TR PARK	GR	5	
PAIT STACEY LEE	GEN DEL U STA	UC	2	
PALENIUS GORDON	DC HSE SW 1ST ST	UC	2	
PALETHORPE IRIS M	COMMUTES ST AUG	GR	5	
PALIN ARTHUR JOSEPH	41L FLAVET 1	PE	4	
PALKO BERNARD EDWARD	242D FLAVET 3	UC	2	
PALLEN HARVEY SHELDON	BX 551	UC	2	
PALLEN INA CLAIR	116 YU	UC	1	
PALLOT RICHARD ALLEN	PILP HSE	AS	3	9834
PALMER BERNARD GRANT	RT 2 BXX83A	UC	2	5517
PALMER JANE NOEL	245 RI	UC	2	
PALMER LOUIS CHARLES	47N FLAVET 1	EG	4	
PALMER WHITFIELD M JR	622 SW 9TH ST	UC	2	3134
PALMER WILLARD DUVAL	COMMUTES WILDWOOD	GR	5	
PALMORE CARLTON W JR	13 DORM B GEN DEL U	UC	2	

PALTER GLORIA MARILYN	1232 NW 4TH PL	AS	4		
PANDAK BARBARA W	1708 NW 2ND AVE	AR	4		
PANDAK JOHN ANDREW	1708 NW 2ND AVE	ED	4		
PANELLAS JUAN	335A MU BX 2772	EG	3		
PANIELLO JOSEPH M	1715 NW 8TH AVE	LW	2		
PANKEY KATHRYN LEE	131 GR	UC	2	9145	
PANKRATZ LEE LEIGHTON	114 NW 10TH ST	UC	1		
PANOS THEODORE GUS	332 MU BX 2301	AS	4		
PAPALAS ANTHONY GEO	758 TH GEN DEL U STA	UC	2	9191	
PAPE RICHARD LOUIS	1209 W UNIV	UC	2		
PAPPAS JACKIE LOUIS	MU GEN DEL UNIV S	UC	2		
PAPPY WM CHARLES	214 NW 14TH ST	UC	2		
PAPY BERNIE CLAYTON	PDT HSE	BA	4	3791	
PAPY CAROLINE HORMANN	NW 13TH ST GEN DEL UPE		3		
PAPY SHIRLEY MAE	69 MA	UC	1		
PARADY WM HAROLD		GR	5		
PARDEE CHARLES W	831 NO	UC	1		
PARERO EDWARD LEWIS	310 FR GEN DEL UNIV	UC	2		
PARHAM ALICE MENOHER	156 FLAVET 2	AS	3		
PARHAM JACK SPARROW	BX 259 U STA 159 SD	BA	3		
PARHAM JAMES LAWRENCE	666 TH GEN DEL U STA	UC	2		
PARHAM JAMES SAUNDERS	156 FLAVET 2	LW	3		
PARHAM JOE ALEXANDER	1217 NW 30TH AVE	UC	2	7051	
PARHAM LOUISE BUCK	COMMUTES JAX	ED	3		
PARIS MARY BEVERLY	56 MA	UC	1	8282	
PARISH DONALD GALE	454 TH BX 2295	UC	2		
PARISH JAMES G	54 TH BX 2295	EG	4		
PARK EDWIN TAYLOR	99A TH BX 2245	ED	4		
PARK GEORGE HELM	1414 2ND AVE	FY	3	3821	
PARK ROBERT EUGENE	504 MU BX 2743	AS	3		
PARKER BETTYE B	75 GR	UC	2		
PARKER CLAXON EUCLID	136 17TH ST	AG	4		
PARKER DONALD HENRY		GR	5		
PARKER DOUGLAS C	SPE HSE	UC	2	5903	
PARKER EVERETTE LOVE	1804 W CHURCH	UC	2		
PARKER HORACE THOS JR	153 SD GEN DEL U STA	UC	2		
PARKER HUBERT D JR	16 DORM S GEN DEL U	UC	2		
PARKER JAMES FINKLEA	PD HSE	BA	3	3791	
PARKER JOHN HOWEY	227 15TH ST	UC	2		
PARKER JOHN WILLIAM	UNIV LODGE	UC	2		
PARKER JOSEPH HENRY	379 MU PIKA HSE	BA	3		
PARKER LAURA MILDRED	ADPI HSE	UC	2	8983	
PARKER MARION JEROME	208 NW 16TH ST	UC	2		
PARKER MARTHA CLAIRE	COMMUTES BROOKER	GR	5		
PARKER PALMAR L JR	214 BU BX 2521	UC	2		
PARKER RICHARD HAROLD	208 NW 14TH ST	UC	1		
PARKER ROBERT GUNN	426 NW 13TH ST	BA	4	8243	
PARKER ROBERT VERNON	BTPI HSE	UC	2	4131	
PARKER RUTH CHASTAIN	COMMUTES JAX	GR	5		
PARKER THELMA ANN	KD HSE	ED	3	8963	
PARKER THOMAS M JR	DC HS BX 2196	GR	5		
PARKER THOMAS SHIPLEY	254A FLAVET 3	AG	4		
PARKER WILLARD L JR	74A TH GEN DEL U STA	BA	3		
PARKER WILLIAM DAVIS	309 NE 10TH ST	LW	2	8817	
PARKER WILLIAM EDWARD	916 SO	UC	1		
PARKER WILLIAM LEE	1 DORM S	UC	1		
PARKER WM RAY	1353 W UNION	AS	4		
PARKER ZEB NEWTON	18 N W 17TH ST	UC	2		
PARKES JEROME HENRY	336 MU GEN DEL U STA	PE	4		
PARKIN BERNARD ARTHUR	PARADISE TR PARK	GR	5		
PARKIN ELMER MILLER	17 NE 13TH ST	AR	3		
PARKS CHARLES E	118 SD GEN DEL U STA	ED	4		
PARKS MARY C ROBIDA	UNIV MANOR	GR	5		
PARKS MORTON HALLAM	PO BX 2018	AR	3	5798	
PARKS ONEITA	COMMUTES WILDWOOD	GR	5		
PARKS RICHARD JAMES	UNIV MANOR	BA	4	7123	
PARKS WALTER JOHN III	B26 NO	UC	1		
PARKS WARREN	220B FLAVET 3	GR	5		
PARMER JACKSON	BTPI HSE	AS	3	4131	
PAROLINI WILLIAM E	GEN DEL U STA	UC	1		
PARR RALPH EUGENE	612 NW 10TH AVE	GR	5		
PARRA ALBERT	144 SD BX 2201	JM	3		
PARRAMORE ABBOTT W JR	215 ROUX ST	UC	2		
PARRAMORE ANNIE E	1248 SW 4TH AVE	GR	5	8747	
PARRAMORE HELEN M	206 SW 3RD AVE	AR	4		

PARRAMORE MATTHEW H	COMMUTES NEWBERRY	GR	5	
PARRAMORE WILLIE E	206 SW 3RD AVE	GR	5	
PARRISH BRUCE ELLIOTT	1236 SW 1ST AVE	UC	2	
PARRISH EDWARD S JR	240B FLAVET 3	UC	2	
PARRISH ELIZABETH W	240B FLAVET 3	AS	3	
PARRISH HILLARY G	1236 SW 1ST AVE	GR	5	
PARRISH HUGUETTE M	WALSO RD BX 161	AS	6	9817
PARRISH JACK DOUGLAS	319 FR	LW	2	
PARRISH LUCY C	1723 NW 2ND AVE	UC	2	4624
PARRISH PATRICIA ANN	161 YU	UC	1	
PARROTT LUTHER C	23A DORM N GEN DEL	UUC	2	
PARSONS FLORENCE A	213 RI	UC	1	
PARSONS FOSTER L	350 MU PIKP HSE	UC	2	
PARSONS JEAN NOBLE	1412 W UNIV	AR	4	
PARSONS ROBERT CURTIS	292 FR KA HSE	BA	3	8883
PARTIN CHARLES S	COMMUTES STARKE	GR	5	
PARTIN GLENN ED	1219 W UNIV	UC	2	8863
PARTIN JAMES DANIEL	1320 NW 2ND AVE	UC	2	
PARTIN MELBA SWEATT	COMMUTES STARKE	GR	5	
PARTRIDGE ADA L	MRS TRAXLER GOLF VIEED		3	
PARVIN FAYETTE WARD	725 NE 3RD ST	GR	5	8052
PARVIN KENNETH PAUL	RT 2 BX 278	LW	3	
PARVIN ROBERT WM	DSP HSE	UC	2	7096
PASCHAL MARY NAOMI	COMMUTES JAX	GR	5	
PASZNIK STANLEY LEON	188 SD BX 2714	AG	3	
PATE DONALD ALFORD	SD GEN DEL U STA	UC	2	
PATE JOHN GILLIS JR	2 DORM T GEN DEL U	SBA	3	
PATERSON GEORGE JR	1002 W UNIV	GR	5	
PATINO CLAYTON	410 NW 13TH ST	UC	2	8243
PATRAY ERNIE DON	213C FLAVET 3	UC	2	
PATRAY JAMES WM	BX 62 STARKE	GR	5	
PATRAY MINNIE HAZEN	213C FLAVET 3	ED	3	
PATRICK GEORGE THOS	11 DORM S	UC	1	
PATRICK MEREDITH W	215 NW 14TH ST	UC	2	3416
PATRINELY EVAN CHRIS	232 FR GEN DEL	UC	2	
PATRONIS JIMMY THEO	SN HSE	UC	2	7353
PATSY JOHN	MU GEN DEL UNIV S	UC	2	
PATTERSON EDWARD	227A FLAVET 3	UC	2	
PATTERSON ELAM PUSEY	GAINESVILLE CT	UC	2	
PATTERSON PAUL BRYAN	309 SW 13TH ST	GR	5	3662
PATTILLO CHARLES EVANA	TO HSE	AR	4	
PATTILLO JOHN TANNER	6BO TO	UC	1	
PATTISON DONALD ALLEN	1A DORM R GEN DEL U	UC	1	
PATTON EDWARD LOGAN	17 DORM B GEN DEL U	UC	2	
PATTON ORIN CLYDE	861 SO	UC	1	
PAUL MAURICE M	GEN DEL U STA	UC	1	
PAUL MELVIN	PILP HSE	PH	4	
PAUL RALPH	1213 W UNIV AVE	UC	2	8862
PAULE ROBERT CHARLES	CP HSE	UC	2	8783
PAULING HILMA	602 N W 13TH ST	ED	6	6155
PAULING JOHN WM	602 NW 13TH ST	GR	5	6155
PAULY EUGENE CARL	78A BU B24 NW 9TH AVE	EG	4	
PAWLEY LLOYD CRUME	204 SW 3RD ST	BA	3	
PAYNE BEECHER WARD	COMMUTES MAYO	GR	5	
PAYNE CARROLL MOREY	957 DORM WE	UC	1	
PAYNE CHAS FLETCHER	225 SW 5TH ST	UC	2	
PAYNE CHARLES Q		GR	5	
PAYNE GERALDINE MCL	COMMUTES	ED	4	
PAYNE MORTON LEONARD	211T FLAVET 3	AS	4	
PAYSON JOSEPH CAPRON	304 SW 3RD ST	EG	3	
PEACOCK AVON JACKSON	LAKELAND COMMUTES	GR	5	
PEACOCK FENTRESS M	COMMUTES WILLISTON	AG	3	
PEACOCK HUGH A	232 SW 2ND PL	AG	3	
PEARCE JAMES MARTINE	209 BLVD	GR	5	
PEARSON PAUL GUY	DEPT OF BIOLOGY	GR	5	
PEARSON THEO PATRICIA	56 GR	UC	2	
PEARSON TOMMY N	SPE HSE 307 FR	UC	2	
PEARSON WM EWART	252T FLAVET 3	EG	4	
PECK LUCY MARSHALL	OCALA HIGHWAY	UC	2	
PECK RICHMOND HARRIS	RT 2 OCALA HWY	AR	4	5157
PECKERMAN DELORES J	8 GR	UC	2	
PEEK LEONARD DARRY	148 SD GEN DEL U STA	EG	4	
PEEK SCOTT IRVIN	226S FLAVET 3	PE	3	
PEEPLES EARLE ED JR	BTPI HSE	AS	4	4131
PEEPLES ROBERT HENRY	654 TO	UC	1	

PEER BETTY JEAN	203A FLAVET 3	GR	5	
PEER EUGENE STANLEY	203A FLAVET 3	UC	2	
PEET ROBERT FELLOWES	TO	UC	1	
PEKLO JOSEPH WILLIAM	407 SE 2ND ST	BA	4	
PEKOVSKY MARTHA L	COMMUTES BROOKSVILLE	GR	5	
PELLEGRINO JOSEPH L	6 DORM I GEN DEL U S	GR	5	
PELLETIER HECTOR A	422SW 1ST ST	UC	2	
PELLUM JUSTINE R	COMMUTES	GR	5	
PELOT JOHN ALLEN	GEN DEL U STA	UC	2	
PELSTRING WALTER R	665 TO	UC	1	
PEMPEY CHARLES HARRY	115 SD GEN DEL U STAPH	4	9180	
PENA GREGORIO G	988 TO	UC	1	
PENBERTHY JEAN EILEEN	131 YU	UC	1	
PENDARVIS JOHN DAVID	919 SO	UC	1	
PENDLEY SYLVIA L	COMMUTES ALACHUA	ED	3	
PENDREY LUCINE II	1147 S 13TH ST	UC	2	7196
PENN GERTRUDE ANNA	COMMUTES JAX	ED	3	
PENNINGTON CARL R	105 TH BX 2725	UC	2	8303
PENNINGTON MARJORIE A	ADPI HSE 1235 1ST AVE	D	4	8983
PENNINGTON RICHARD E	268 FR BX 2741	FY	4	
PENNINGTON WM THEO	FLA FARM COLONY	BA	4	8925
PENNISI ALFRED EUGENE	718 NE 3RD ST	BA	3	9294
PENNISI JOHN LOUIS	718 NE 3RD ST	UC	2	5782
PENNY MARVIN LEE	711 TO	UC	1	
PENROD DAVID LOGAN	1130 NE 10TH AVE	GR	5	9546
PENTON AUSTIN D	1215 NW 4TH AVE	AS	4	
PENTY GEO PEDDER	1622 NW 3RD PL	AS	4	
PENUEL JAS WILLOUGHBY	245T FLAVET 3	PH	4	
PERDUE GROVER C JR	PKT HSE	LW	1	8263
PERDUE WANDA JEAN	224 RI	UC	1	
PEREZ FERNANDO A	31A BU GEN DEL U STA	AG	3	
PEREZ JOE DELIO	101 TH BX 2731	UC	2	
PERGOLA JAMES CHAS	684 TO	UC	1	
PERKINS FRED MYERS JR	SC HSE	EG	4	
PERKINS MARTIN EDWARD	517 MU GEN DEL	UC	2	
PERKINS RUBIE MAE	COMMUTES	GR	5	
PERLIN PEARL COOKIE	140 YU	UC	1	
PERLMAN ALBERT	306 NW 16TH ST	UC	2	
PERLMAN MOE JOS	329 NW 17TH ST	AS	4	
PERLMAN NAUM BEN	329 NW 17TH ST	BA	3	
PERMENTER JOHN RAY JR	911 SW 1ST AVE	LW	2	
PERPER ARLI FLORENCE	133 NW 15TH TERR	UC	2	
PERPER WILEM	GEN DEL U STA	UC	1	
PERRIER JOSEPH M	924 SW 7TH AVE	UC	2	3443
PERRIER MARCELLE V	922 SW 7TH AVE	UC	2	3443
PERRIN DAVID STERLING	1225 SW 2ND AVE	GR	5	4131
PERRINE BARBARA V	118 YU	UC	1	
PERRY CHRISTINE	928 NW 8TH PL	UC	2	8447
PERRY DOROTHY LEIGH	928 NW 8TH PL	UC	1	8447
PERRY JOSEPH PRICE	SPE HSE	LW	3	5903
PERRY NORMA STEWART	COMMUTES MELROSE	ED	4	
PERRY RONALD WILLIAM	PSK HSE	UC	2	
PERRY THOMAS RENNIE	218SE 9TH ST	EG	4	7035
PERRY TOM CARTER	230 W UNIV AVE	AG	3	5563
PERSBACKER RICHARD H	CP HSE	UC	2	
PERSHYN THEODORE	50 TH BX 2668	EG	3	
PERZIA PAUL	250 FR GEN DEL	AS	4	
PESCE LOUIS	14 DORM M	UC	1	
PETERMAN LEWIS LAMAR	BX 2794 441 MU	UC	2	
PETERS DONALD A	634 TO	UC	1	
PETERS JAMES R	814 NO	UC	2	
PETERS JOHN HENRY	BX 85MI RT 3	GR	5	
PETERS JOHN RICHARD	GEN DEL U STA	LW	2	
PETERS JULIUS	428 MU GEN DEL U STA	AG	4	
PETERS MILDRED A	323 NW 14TH ST	UC	1	
PETERS RICHARD CARR	PDT HSE	AR	4	3791
PETERS RUTH C	323 NW 14TH ST	UC	1	
PETERS WM FRANK III	356 MU PIKP HSE	JM	3	
PETERSEN ROBERT BRUCE	506 MU GEN DEL U STA	UC	2	
PETERSON EVERETT LEE	642 TO	UC	1	
PETERSON JAMES B	237T FLAVET 3	AR	4	
PETERSON JULIUS G	1813 NW 5TH AVE	AG	4	
PETREE MARY F	COMMUTES CALLAHAN	GR	5	
PETRELIS PETROS GEO	WE	UC	1	
PETRICKA EDW ARTHUR	COMMUTES ARCHER	GR	5	

PETRUZZELLI FRANK WM	GEN DEL U STA	UC	1	
PETRUZZELLI MARIO	DC HSE	UC	2	
PETRY RICHARD ALLEN	SC HSE	UC	2	
PETTENGILL DWYNAL B	BALTIMORE DR	AS	3	4508
PETTENGILL HOWARD W	CRANE HALL	UC	1	
PETTEWAY WALTER R	1219 W UNIV	GR	5	8863
PETTIGREW RICHARD A	FR PDT HSE	AS	3	2731
PFAENDER MARVIN A	813 SE 2ND AVE	AG	4	7709
PHARR ROGER LEE	468 MU GEN DEL U STA	UC	2	
PHARR WM BARR	1320 NW 2ND AVE	UC	2	
PHAY HENRY E JR	111 NE 8TH ST	UC	1	8098
PHEIL BARBARA JEAN	329 17TH ST NW	UC	2	
PHELPS CHARLES ALTON	128 SD BX 2566	AG	4	
PHELPS DALE LEON	410 NW 13TH ST	UC	1	
PHELPS HAROLD R	COMMUTES MELROSE	UC	2	
PHELPS MARY HELEN	COMMUTES JAX	GR	5	
PHELPS WILLIAM THOMAS	940 WE	UC	1	
PHIFER JAMES HENRY	146 SD GEN DEL U STA	UC	2	
PHILIPS EDWIN PACK	SEAGLAE HALL	AS	3	
PHILIPS EMILY T	1209 NE 4TH ST	GR	5	8540
PHILIPS FLOURNOY M	1900 E UNIV	UC	2	
PHILLIPS BERNICE JOY	75 MA	UC	1	
PHILLIPS BRYAN HOWELL	COMMUTES	GR	5	
PHILLIPS CARROLL COPP	KA HSE	BA	4	8883
PHILLIPS CHARLES D	9A DORM K	UC	1	
PHILLIPS CHARLES T	1A BU A ATO HSE	AR	3	
PHILLIPS DAMON R	765 NO	UC	1	
PHILLIPS DONALD LEE	628 TH SC HSE	EG	4	
PHILLIPS EDNA J	229R FLAVET 3	BA	3	
PHILLIPS FRANK F	LCA HSE	UC	2	
PHILLIPS GEORGE E	271 FR KA HSE	UC	2	
PHILLIPS GEORGE W	2043 NW 7TH LANE	UC	2	
PHILLIPS GLENN ALLEN	513 MU PIKP HSE	EG	3	
PHILLIPS GRACE RACHEL	1113 SW 3RD AVE	GR	5	
PHILLIPS HARROP B	218 FR ATO HSE	ED	4	
PHILLIPS HARRY	52 TH BX 2298	EG	4	
PHILLIPS JULIETTE	237 RI	UC	2	
PHILLIPS LESLIE E	GA SEAGLE HALL	EG	3	
PHILLIPS MARION W	349 MU GEN DEL U STA	UC	2	
PHILLIPS PAUL C	KA HSE	BA	3	8883
PHILLIPS PRESTON E	355 MU GEN DEL U STA	UC	2	
PHILLIPS ROBERT M	232 FR SAE HSE	AR	4	
PHILLIPS ROGER LEE	360 MU BX 3033	EG	4	
PHILLIPS STEWART WM	229R FLAVET 3	UC	2	
PHILLIPS TILLER M	CLO HSE GEN DEL U STU	C	2	
PHILLIPS WILLIAM EARL	COMMUTES OLD TOWN	GR	5	
PHILLIPS WM JAMES	RT 4 BX 188	EG	4	3300
PHILLIPS WM TRICE	936 TO	UC	1	
PHILLIPS ZACK LEE	230U FLAVET 3	LW	2	
PHILMON WILLIAM FLOYD	AGR HSE	AG	3	
PHILPOT LAMAR MCLAIN	110 NW 7TH ST	JM	3	
PHILPOT LAURIE R	15 DORM A BX 2094	UC	2	
PHINNEY MADGE	1930 NW 2ND AVE	UC	2	
PICKENS ROBERT D	898 SO	UC	1	
PICKENS ROBERT WM	630 NE 9TH AVE SAE	HUC	2	
PICKENS RONALD OWEN	110 NW 15TH ST	UC	2	
PICKERING MICHAEL J		UC	2	
PICKERING O BRUCE	COMMUTES MELROSE	ED	3	
PICKETT LYMAN O	NW 22ND ST	JM	4	4640
PICKETT VINCENT B	6 DORM R	EG	3	8191
PICKINPAUGH DORCAS J	1125 SW 2ND AVE	UC	2	8963
PICKLE CECYL LAMAR	LCA HSE	LW	3	
PICKLE HARVEY A	157 SD BX 2027	PH	4	
PIERCE CARL FARRA	BX 2367	UC	2	
PIERCE DALE W	729 TO	UC	1	
PIERCE FRANCIS E	ATO HSE	BA	4	
PIERCE JAMES MORRIS	15E FLAVET 1	GR	5	
PIERCE LAURIE VA	COMMUTES JAX	GR	5	
PIERCE ROSE ELIZABETH	COMMUTES CALLAHAN	GR	5	
PIERCY JOHN EDWARD	813 NW 18TH AVE	AR	4	6935
PIERCY JUDY COURTNEY	813 NW 18TH AVE	AS	4	6935
PIGGOTTE ANNYE LOUISE	COMMUTES WILDWOOD	GR	5	
PIGGOTTE JOE MELVIN	COMMUTES WILDWOOD	GR	5	
PILCHER WILLIAM J	87W FLAVET 1	ED	4	
PIMENTEL RONALD D	878 TH GEN DEL U STU	C	2	

PINAN AURELIO	49 MU BX 2292	AS	4		
PINARD FRANK THEODORE	293 FR GEN DEL U STA	UC	2		
PINARD ROBERT NOEL	14 DORM R	UC	1		
PINCUS JULES	661 TO	UC	1		
PINCUS LIONEL	661 TO	UC	1		
PINDER RICHARD S	43 BU BX 2698	UC	2		
PINEL THOMAS HARRIS	PDT HSE	UC	2		
PINNER LUTHER LENWOOD	58A TH GEN DEL U STA	AG	4		
PINNER RAYMOND E	820 NO	UC	1		
PINNER WILLIAM JAMES	840 SE 2ND AVE	AG	4		
PIPER ROBERT HERMAN	117 NW 2ND AVE	UC	1		
PIPPIN MARGARET	6 MICHAEL	AS	3		
PITTMAN DAVID YOWELL	ATO HSE	AS	4	4463	
PITTMAN JOE G	PDT HSE	UC	2		
PITTS ALTON G	166 SD BX 3051	LW	3		
PITTS BENJAMIN A	1242 SW 3RD AVE	UC	2	3730	
PITTS CHARLES LAMAR	1242 SW 3RD AVE	UC	1	3730	
PITTS REYNOLDS E	BX 1018 WE	UC	1		
PITZKE GEORGE F	205 SE 3RD ST	AS	3	3640	
PIZZO LIONEL PAUL	421 MU	UC	2		
PLACK RICHARD PHILIP	65A TH PIKA HSE	AR	3		
PLATCOW EDWARD LOUIS	1734 NW 1ST AVE	GR	5		
PLATT FRANK HARMAN	ATO HSE	AG	3		
PLATT JACK LOUIS	BX 551	UC	2		
PLATT KALVIN J	307 FR GEN DEL U STA	AR	3		
PLISCO JACK ABE	903 NW 9TH AVE	LW	1		
PLOWDEN WILLIAM W	184 SD BX 2299	UC	2		
PLUCKEBAUM MARY ELIZ	23 MA	UC	1		
PLUM FREDERICK C	12 DORM M GEN DEL	UC	2		
PLUMMER OPAL F	OAK ACRES TOURIST CT	UC	2		
PLUMMER ROBERT EUGENE	OCALA RD GEN DEL UN	UC	2		
PLYLER RUTH ANNIE	421 NW 15TH ST	AS	4		
POBORSKY EDWARD JOS	208D FLAVET 3	UC	2		
PODNOS BURTON	194 SD BX 2281	PH	3		
POE BOBBY JACK	764 NO	UC	1		
POE WILLIAM F	1625 NW 3RD AVE	UC	2		
POEHNER ALDEN	99 TH BX 2245	EG	4		
POEHNER VERNON WM	52A TH GEN DEL U STA	UC	2		
POHL PAUL EDWIN	ARCHER RD BX 179 RT	AG	3	3310	
POIRRIER EUGENE	407 SE 4TH AVE	UC	2		
POITRAS FRANK JOSEPH	CRANE HALL	UC	2		
POLAND RICHARD EDWARD	306 NW 16TH ST	UC	2		
POLANSKY IRVING	37A BU	UC	2		
POLHILL FRANK LEONARD	205D FLAVET 3	UC	2		
POLHILL THOMAS G	1420 W UNIV AVE	UC	2		
POLING WILLIAM F	RT 2 BX 61K	LW	1		
POLLITT NORMAN CURTIS	11 DORM L	UC	1		
POLLITZ ERNEST T JR	151 SD BX 2079	BA	3		
POLLOCK SUSAN	BX 122 YU	UC	1		
POLOVKAS VINCENT GEO	804 NE 12TH ST	GR	5	6580	
POMAR GILBERT JAMES	GEN DEL U STA	UC	1		
POND EDWARD ROGERS	505 MU SC HSE	BA	3		
POPE HETABEL N	COMMUTES FERNANDINA	GR	5		
POOLE JOHN WELLING	169 SD BX 2568	AG	4		
POOLE JOHN WESTBROOK	727 NW 35TH AVE	UC	2	7427	
POOLE ROY SEABORN	1103 NW 30TH AVE	BA	4	7929	
POOLE WILLIAM EDGAR	2057 NW 3RD AVE	GR	5	5770	
POPE CHARLES WILSON	1006 WE	UC	1		
POPE DAVID HAROLD	995 WE	UC	1		
POPE JAMES HARMON	1002 W UNIV AVE	BA	3	8913	
POPE JERRY LOGAN	451 MU	AS	4		
POPE THEODORE C	912 SO	UC	1		
POPKIN MARVIN LEO	AEPI HSE BOX2525	UC	2		
PORTER CHARLES H		UC	2		
PORTER JAMES ROBERT	42A BU BX 2126	BA	3		
PORTER LAWRENCE W	157 FLAVET 2	EG	4		
PORTER LEVERNE	1155 E4TH ST	AG	3		
PORTER MARQUERITA K	723 NE 9TH AVE	UC	2		
PORTER MARY FLORENCE	245U FLAVET 3	UC	1		
PORTER ORVILLE J	245U FLAVET 3	UC	2		
PORTER RALPH ELMA	1524 NW 10TH AVE	GR	5		
PORTER REBECCA ELIZ	622 NW 8TH PLACE	GR	5		
PORTER RICHARD JONES	418 MU GEN DEL	UC	2		
PORTER SUMPTER Q JR	79V FLAVET 1	GR	5		
PORTER TOM VAN	SAE HSE	UC	2	4516	

PORTER WALTER THOMAS	723 NE 9TH AVE	BA	3		
POSADA OCTAVIO	GEN DEL U STA	UC	2		
POSEY ALFRED LOUIS	197 SU BX 2641	GR	5		
POST DON MCKENZIE	103 NW 14TH ST	GR	5	3416	
POSTLE GEORGE LESTER	CP HSE	UC	2	8783	
POSTON JOHN CHARLES	KS HSE	EG	3		
POSTON WM SAMUEL	PKT HSE	UC	2		
POTTER ANN SWANSON	ADPI HSE	ED	4	8983	
POTTER FLETCHER LEE	253B FLAVET 3	PH	3		
POTTER JOHN DELWYN	1118 SW 5TH AVE	AG	3		
POTTER PAUL W JR	253 FR SN HSE	UC	2		
POTTER RICHARD ANSON	1118 SW 5TH ST	UC	2		
POTTER SHIRLEY H	87 MA	UC	1		
POTTS DONALD OWEN	237 MU GEN DEL U STA	UC	2		
POTTS WM HENRY JR	203 NE 3RD AVE	AR	4		
POUCHER GORDON LEROY	727 E UNIV	AG	3		
POULOS GEORGE A	75 TH BTPI HSE	UC	2		
POULTON TIM PAUL T	8 DORM L GEN DEL U SU	C	1		
POUND FRANK R JR	792 NO	UC	1		
POUNDS LACOY FRED	253U FLAVET 3	UC	2		
POUNDS ROBERT BRIAN	COMMUTES OCALA	UC	2		
POWELL GILLIS E	250S FLAVET 3	LW	2		
POWELL GRADY WATSON	164 FLAVET 2	UC	2		
POWELL HARRY BOONE	824 NW 11TH AVE	PH	4	6862	
POWELL JOHN STEPHEN	924 SW 7TH AVE	UC	2	3443	
POWELL LEVI ALLEN	825 N E 3RD AVE	GR	5	3403	
POWELL ROBERT OTIS	628 TO	UC	1		
POWELL SAMMY EDWARD	342 FR BX 2381	BA	3		
POWERS ARNETT CLINTON	241T FLAVET 3	LW	1		
POWERS ELVA GENE	314 SW 1ST AVE	UC	2		
POWERS JAMES BRANDON		UC	2		
POWERS JOSEPH C	AGR HSE	UC	2		
PRANGE DAVID	507 MU GEN DEL U STA	UC	2		
PRATHER ELBERT C	202 NW 12TH TERR	AS	3		
PRATHER NATHAN T JR	UNIV MANOR APT 1	UC	2		
PRATT DAVID KIRK	236 FR GEN DEL U STA	UC	2		
PRATT JOSEPH F JR	221C FLAVET 3	BA	4		
PRENTISS JULIE BLAKE	205 RI	UC	1		
PRESCOTT CARROLL GUY	BU BX 2874	BA	3		
PRESCOTT JAMES HIRAM	16A STENGEL FIELD	LW	1		
PRESCOTT WARREN THOS	GEN DEL U STA	UC	2		
PRESENT STUART MARVIN	1A DORM O GEN DEL U	UC	2		
PRESSER EDWIN	BX 2658 PILP HSE	BA	3	9853	
PRESSETT EARL SAVOY	10 DORM L	UC	1		
PREVATT ALBERT DENNIS	724 SW 10TH ST	AS	3		
PREVATT OLAF N	208 FR GEN DEL U STA	AG	3		
PREVATT ROBERT L	ATO HSE	UC	2		
PREVATT RONALD ALLEN		UC	1		
PREVATT RUBERT W	454 NE 6TH ST	GR	5		
PRICE ARTHUR COOPER	1404 NW 11TH RD	GR	5		
PRICE BETTY BELLE	MICHAEL	UC	2		
PRICE ETHEL D	COMMUTES ST PETE	GR	5		
PRICE FLORENCE HILDA	184 YU	UC	1		
PRICE GEO DODDS	2105 NW 7TH AVE	AS	4		
PRICE HUGH DOUGLAS	CP HSE	AS	3	8783	
PRICE JACK	1105 W UNIV BX 551	AR	3		
PRICE JOE RAYMOND	1123 SW 1ST AVE	UC	2		
PRICE THOMAS JAMES	HAWTHORNE RD BX 267	UC	2	4023	
PRICE TRENCHARD G	2 DORM I GEN DEL U SU	C	1		
PRICE WILLIAM HICKS	2105 NW 7TH LANE	UC	2	5669	
PRIDGEN JACK WILEY	616 TO	UC	1		
PRIEST ETHELEE	103 NW 10TH ST	ED	3		
PRIESTMAN JOHN HENRY	DTD HSE	BA	4	8081	
PRIETO GERARDO	415 MU BX 2624	UC	2		
PRIGOT MELVIN	620 SW 10TH ST	GR	5	3573	
PRILLAMAN JEAN WILSON	81 MA	UC	1		
PRINCE JERRY DENNIS	921 W UNIV	UC	2	7357	
PRINCE SIGSBEE C JR	416 SE 1ST AVE	GR	5		
PRINE EUCLID B	COMMUTES PALATKA	GR	5		
PRINE HENRY ALFRED JR	RT 3 BX 285	UC	1	5377	
PRINE ROBERT GENE	225 SW 3RD AVE	AR	4	5183	
PRINGLE JOHN KEITH	4 DORM M GEN DEL U SU	C	1	9041	
PRINGLE ROBERT L JR	43M FLAVET 1	UC	2		
PRIOR FREDERICK CRANE	ATO HSE	LW	3	4463	
PRITCHETT THADDEUS C	312 FR GEN DEL U STA	UC	2		

PROCTOR LAWRENCE B JR	79A TH GEN DEL U STA	UC	2	
PROCTOR SAMUEL	1105 NW 3RD AVE	GR	5	8058
PROCTOR SOL HERBERT	PILP HSE	LW	3	9843
PROEFKE EDWARD A	8 DORM N	UC	1	
PROPHET SARAH DALE	COMMUTES HIGH SPRING	GR	5	
PROPHET WALLACE WM	COMMUTES HIGH SPRGS	AS	4	
PROSS PATRICIA ANNE	55 MA	UC	1	8282
PROTHEROE MAURICE V	198 SD	UC	2	
PROVOST GEORGE WELLS	1305 1ST AVE NW	LW	1	
PROWS RUDOLPH S	COMMUTES	BA	3	
PRUET MILDRED ANN	13 MA	UC	1	
PRUITT CHARLES WM JR	BTPI HSE	BA	4	413
PRUITT FRANK O JR	332 S PLEASANT	BA	4	
PRUITT JAMES HENRY	227C FLAVET 3	GR	5	
PRUITT WILLIAM H	SNU HSE	UC	2	7353
PRYOR HARRY T	1128 SW 6TH AVE	LW	2	
PRYOR ROBERT BRUCE	FR TC HSE	UC	2	
PRYTYKA PHILIP	1630 NW 2ND AVE	BA	4	
PUERTO JAIME C	870 SO BX 2773	UC	1	
PUESCHEL IRIS J	4 MA	UC	1	
PUGH HILTON EDWARD	PSK HSE	ED	3	
PUKROP JEROME M	11 DORM L	UC	1	
PULEO JOHN RUDOLPH	131 SD BX 3054	UC	2	
PULEO JOSEPH M	69A TH GEN DEL U STA	UC	2	
PURCELL ALEXANDER L	1420 NW 1ST AVE	ED	3	
PURCELL ALTON EVANS	464 MU	UC	1	
PURCELL EDWARD JAMES	ATO HSE	UC	2	
PURCELL HARVEY H	PARADISE TR CT RT 3	UC	2	
PURCELL ROBERT J	367 MU GEN DEL U STA	UC	2	
PURDY JAMES OLLIE	146 SD GEN DEL	UC	2	
PURDY VIRGINIA C	1113 NW 24TH AVE	GR	5	
PURSEN HENRY PHILIP	1504 W UNIV	AR	3	
PURSIFULL EUGENE S	1512 2ND ST NW	UC	2	
PURSIFULL RALPH BROWN	1512 NW 2ND AVE	UC	2	
PURSIFULL ROBERT LEE	1512 2ND AVE	LW	3	8432
PURTZ WM PAUL	136 DE SOTO	PE	4	
PUTMAN WALTER J	RISENS TR PARK	UC	2	
PUTNAM HOWARD L	2158 NW 5TH AVE	GR	5	
PUTNEY DAVID JULIUS	846 NW 31ST AVE	PH	4	
PUTNEY LOUIS WILLIAM	IDEAL TR PK BX 2614	LW	3	
PYKE LAVOID ABNER	BX 1071	UC	1	
PYLE JANICE MAE	PINE HAVEN BX 84R RT	ED	4	
PYLE ROBERT REYNOLDS	14 DORM B GEN DEL U	UC	2	
PYLES THOMAS	1618 NW 6TH AVE	AS	3	4386
PYNCHON EDWIN ALBERT	202 NW 15TH ST	BA	4	
PYNCHON SARAH ANNE	1614 W UNIV	UC	2	8780

Q

QUEEN DAVID PERKINS	UNIV LODGE	AS	3	
QUEEN EXCEL C	111 NW 19TH ST	UC	2	
QUEEN HARRY EUGENE	58 TH	AG	3	
QUESADA G T RODOLFO		GR	5	
QUEVEDO ROBERTO	1830 NW 2ND AVE	PH	3	
QUIGLEY EDWARD JOHN	KA HSE	FY	3	
QUIGLEY THOMAS K	SN HSE	ED	3	
QUINA NANCY IRENE	1A MA	UC	2	
QUINERLY ROBERT S	GEN DEL U SA	UC	1	
QUINONES JESUS H	78 TH GEN DEL U STA	UC	2	
QUINONES M LUCRECIA	124 YU	UC	1	
QUINTINO LUIS E	180 SD BX 2542	UC	2	

R

RABB GEORGE EDWARD	825 NE 8TH AVE	FY	3	
RABIDEAU CHARLES O	GEN DEL U STA	UC	2	
RABIN JERRY	PILP HSE	BA	4	9834
RABON ROBERT EARL	216 SW 1ST ST	UC	2	8113
RABUN TED MORRIS	72 TH GEN DEL UNIV	SBA	4	

RACE KATHYLEEN ANNE	ACO HSE	UC	2	8733
RACHELSON DANIEL M	615 TO	UC	1	
RACINE RICHARD G	GEN DEL U STA	UC	2	
RACKLEY BENTON T JR	1115 NW 13TH AVE	ED	6	9827
RADCLIFFE CHARLES W	398 MU SC HSE	UC	2	
RADFORD EVELYN FAYE	816 NW 13TH AVE	UC	2	5957
RADNEY ROY EMMETT	181 SD GEN DEL U STA	PH	4	
RADTKE WILLIAM LOUIS	250U FLAVET 3 BX 240	GR	5	
RAGAN RICHARD WALTON	221 FR BX 2499	EG	4	
RAGAN WENDELL J	226U FLAVET 3	GR	5	
RAGSDALE ROBERT E	36K FLAVET 1	GR	5	
RAINES CHARLES D	943C WE	UC	1	
RAINES QUINN CARMEN	57 MA	UC	1	
RAINES WELLINGTON W	28 FLAVET 1	UC	2	
RAINS WILLIAM ARTHUR	214T FLAVET 3	GR	5	
RAISIG PAUL JONES	16 DORM L BX 2366	UC	1	
RALLS DAN H	170 SD PKT HSE	UC	2	
RAMBER MARVIN PAUL	1105 W UNIV BX 551	EG	4	8863
RAMEY ALLEN	14TH ST 31ST AVE NW	AS	3	
RAMEY DAVID W	1004 WE	UC	1	
RAMIREZ HENRY EUGENE	1116 SW 2ND AVE	BA	4	
RAMOS ILIADA G	12 NW 8TH ST	UC	2	6758
RAMOS VICTOR E	12 NW 8TH ST	BA	4	6758
RAMSEUR JAMES H JR		GR	5	
RAMSEY ANDREW BOGGS	694 TO	UC	1	
RAMSEY HENRY EDMUND	PIKE HSE	ED	4	
RAMSEY HENRY JACK	695 TO	UC	1	
RAMSEY JAMES C JR	140 FLAVET 2	GR	5	
RAMSEY JOHN THOMAS	1666 NO	UC	1	
RAMSEY JUNE ROSE	138 YU	UC	1	
RAMSEY MELLIE BARNES	COMMUTES LAKE CITY	UC	1	
RAND JAY MILTON	BX 2393	UC	2	
RANDALL EUGENE JOSEPH	GEN DEL U STA	AR	3	
RANDLE RICHARD LLOYD	210 NW 1ST TERR	LW	2	
RANDOLPH JOHN JR	SAE HSE	UC	2	
RANDOLPH WENDELL M	GEN DEL	GR	5	
RANKIN HERBERT FISKE	8 DORM C GEN DEL U SU	C	2	
RANON JOHN FRANK	284 FR BX 2503	AR	4	
RAPE VERNON JULIUS	COMMUTES STARKE	GR	5	
RAPE WILLIAM C	GEO SEAGLE HALL	UC	2	
RASMUSSEN HERMAN EARL	616 N 13TH	PE	3	
RASMUSSEN NORMAN LEO	107 TH BX 2167	AS	3	
RAST GUSTAF JOSEPH JR	171 SD	EG	4	
RATCLIFFE M ELIZABETH	1112 SW 4TH AVE	UC	2	
RATH ROSS	COMMUTES MCINTOSH	UC	1	3550
RATHBONE WILLIAM A	KA HSE	LW	1	
RATHBUN CARL R	1119 SW 4TH AVE	UC	2	8240
RATHBUN VIRGINIA ST J	148 YU	UC	1	
RATHEL HARVEY CHARLES	COMMUTES LOWELL	GR	5	
RATTI JOSEPH NOEL	1116 SW 2ND AVE	EG	4	7096
RAUB SARA JANE	ZTA HSE	ED	3	8933
RAUDENBUSH JACK D	PIKP HSE	AR	4	9107
RAULERSON THEODORE R	SPE HSE	UC	2	
RAULERSON WM EUGENE	802 NO	UC	1	
RAWLS BILLY REEVES	226 FR BX 2821	AG	3	
RAWLS JAMES A JR	417 NE 4TH AVE	UC	2	
RAWLS JEAN LESLIE	355 MU GEN DEL U STA	UC	2	
RAWLS KENNETH E	196 SD GEN DEL U STA	PH	4	
RAY DELMAS DENNIS	258 STENGEL BX 2365	GR	5	
RAY DENNIS FRED	GEN DEL U STA	UC	1	
RAY GEO TROY JR	106 TH BX 2152	BA	4	
RAY JAMES STEWART	10 DORM B GEN DEL U	UC	2	
RAY KENNETH BRUCE	SPE HSE	UC	2	590
RAY LAKE GROSS JR	30 BU BX 2704	EG	4	
RAYBON JOHN R	200 SD GEN DEL UNIV	BA	4	
RAYERMANN EDWARD HALL	200 NE 9TH ST	EG	4	
RAYFIELD ROBERT E	124 SD BX 3007	GR	5	
RAYMOND JOHN EDWARD	COMMUTES JOHNSON	AS	3	
RAYMOND NORMAN LOUIS	KA HSE	UC	1	
READ ELI MONTGOMERY	COMMUTES TRENTOM	UC	2	
READ FLOYD M JR	233S FLAVET 3	UC	2	
READ ROBERT ECCLES	RT 2 BX 278	UC	2	
READETT NORMAN PERCY	1420 NW 1ST AVE	BA	3	
REAGAN ESTELL L	772 NO	UC	1	
REAGAN FRED		UC	2	

REAHARD DAVID L	1113 SW 1ST AVE	UC	2	
REAM JAMES HAROLD	PDT HSE	UC	2	3791
REAMS HENRY W	136 DE SOTO	AG	3	
REAMS KENNETH DEWEY	57 TH BX 2269	BA	4	
REARICK DAVID F	817 NO	UC	1	
REAVES ALVIN STEPHENS	214 FR BX 2022	UC	2	
REAVES DAVID PARK	228S FLAVET 3	AR	4	
REAVES HERBERT BURNUM	41 BU GEN DEL U STA	BA	3	
REBER KARL WILLIAM	312 NW 14TH AVE	GR	5	
REDDELL BILLY JOE	124 NW 20TH DR	PE	3	
REDDEN BARBARA LEE	50 GR GEN DEL	UC	2	
REDDICK WALTER RALPH	TC HSE	UC	2	
REDDISH DREW FRANCIS	1540 W ORANGE	UC	2	
REDDISH RAY COLLINS		UC	2	
REDFEARN GEORGE R JR	2 DORM B GEN DEL U S	UC	2	
REDMAN JAMES LUTHER	KA HSE 1235 W ARLING	UC	2	
REDMAN RUSSELL P JR	SN HSE	AR	4	7353
REEBER ELEANOR	74 MA	UC	1	
REED CAROLYN LOIS	1725 NW 3RD PL	GR	5	
REED EARL SHEFFIELD	COMMUTES MARIANNA	GR	5	
REED GEORGE JR	230S FLAVET 3	EG	4	
REED GEORGE A	384 MU GEN DEL U STA	UC	2	
REED GEORGE C	PDT HSE 1630 2ND AVE	UC	2	
REED KENNETH ARNOLD	COMMUTES MELROSE	UC	1	
REED LOIS ELIZ	214 RI	UC	1	
REED LOTTIE C	COMMUTES JAX	GR	5	
REED RICHARD GLENN	10 DORM B GEN DEL U	UC	2	
REED WILLIAM H JR	233B FLAVET 3	UC	2	
REEDER JOHN HARVEY	662 TO	UC	1	
REEDER NANCY LEE	203 RI	UC	1	
REEDY WM DOUGLAS	508 MU GEN DEL	UC	2	
REESE CHARLES VIRLYN	91 TH BX 2651	UC	2	
REESE ELMER RICHARD	BTPI HSE	UC	2	4131
REESE EUGENE ALBERT	89A TH BX 2651	UC	2	
REESE FRANK CLYDE	KA HSE	LW	1	8883
REESE JOANNE	ADPI HSE	JM	3	8983
REESE LESLIE BYRON	309 NW 14TH ST	UC	2	
REEVES ABRAM JAMES	LONILAIR HALL	PE	3	
REEVES CHARLES T	GEN DEL U STA	GR	5	
REEVES FRANK BLAIR	924 NW 9TH AVE	GR	5	7303
REEVES LAURENS	1419 NW 2ND AV	UC	2	
REEVES ROBERT A	936 SO	UC	1	
REEVES VERNON FRANK	LAKE RD TR PK	GR	5	
REGISTER BERTHA H	COMMUTES JASPER	ED	6	
REGISTER BEVERLY C	1105 NW 1ST PL MICHA	UC	2	5115
REGISTER CLARENCE JR	95 TH GEN DEL U STA	UC	2	
REGISTER DARVIN L	251B FLAVET 3	UC	2	
REGISTER HUGHES H	BX 2685 PSK HSE	UC	2	
REGISTER JAMES ALAN	226 FR BX 2067	BA	4	
REGISTER JAMES C JR	309 MU ATO HSE	PE	4	
REGISTER KATHLEEN E	25 MA	UC	1	
REGISTER LENNARD B	1123 SW 1ST AVE	UC	2	9054
REGISTER SCOTT	300 FR GEN DEL U STA	LW	3	
REGISTER VINCENT D	1708 NW 2ND AVE	UC	2	
REHLING CONRAD HENRY	1013 NW 24TH AVE	GR	5	
REHWINKEL CARL H	1251 SW 3RD AVE	AG	3	
REHWINKEL JEAN REVELS	1251 SW 3RD AVE	ED	3	
REICH ARTHUR	115 NW 10TH ST	LW	2	9222
REICH STANLEY SANFORD	135 SD GEN DEL U STA	UC	2	
REICHMANN HERMAN A JR	1247 NW 12TH AVE	UC	2	
REID ALFRED S	GEN DEL STARKE C 3	GR	5	
REID BARBARA MYLIUS	926 N W 21ST AVE	GR	5	8495
REID EUGENIE CHAZAL	1105 NW 3RD AVE	LW	1	6916
REID GEORGE KELL JR	1105 NW 3RD AVE	GR	5	
REILEY RALPH L	1521 N W 7TH AVE	GR	5	5473
REINBURG MARGOT	1106 SW 4TH AVE	UC	2	
REINER PAUL LAWRENCE	2 FR BX 2373	UC	2	
REINER PETER RAYMOND	BX 2373 U STA 213 FR	UC	2	
REINHOLD JACK BRUCE	145 SD BX 2814	UC	2	
REINSCH RICHARD R	176 FLAVET 2	BA	4	
REINTS EDWARD DALE	ATO HSE	UC	2	
REISINGER RICHARD H	29 UNIV MANOR	PE	4	
REISMAN DON SYDNEY	PILP HSE	UC	2	9683
REITZ ROSS DARWIN	185 SD BX 2205	EG	3	
RELLAS CHRISTOS P	1623 NW 1ST AVE	UC	2	

REMPE CHARLES JOHN JR	298 BU KS HSE	UC	2		
RENFROE HELEN	305 NW 17TH ST	ED	4	9510	
RENFROE MARGUERITE W	COMMUTES OTTER CREEK	ED	4		
RENICK JOHN ALBERT	1107 SW 3RD AVE	UC	2		
RENNER DONALD EDWIN	127 SD GEN DEL U STA	UC	2		
RENSBERGER JOHN M	891 SO	UC	1		
RENTSCHER JOSEPH GEO	208 NW 17TH ST	AR	4		
REPLOGLE JAMES WALTER	RT 4 BX 186	UC	2		
REPLOGLE JOE FRANK	COMMUTES TAMPA	GR	5		
RESNIKOFF JULES	TEP HSE BX 551	EG	4	8662	
RESNIKOFF NORMAN	1 DORM O GEN DEL U	SUC	2		
RETTIE GEORGE JR	25H FLAVET 1	GR	5		
REVELL MELTON G	207S FLAVET 3	UC	2		
REVELS ALFRED S	CORBETT COURT	UC	1		
REVELS FANNIE S	GEN DEL	UC	1		
REVELS GEORGE FORREST	LYRIC THEATRE	UC	2	4601	
REX STANLEY	UNIV MANOR	UC	2		
REYNOLDS CLAUDE JOS	16 DORM N	UC	2		
REYNOLDS JOHN EUGENE	278 FR M BX 2431	BA	4		
REYNOLDS LOUIS BAKER	441 MU BX 2794	EG	3		
REYNOLDS MABLE M	325 NW 14TH DRIVE	ED	6		
REYNOLDS MYRTLE D	HIVISCUS PARK	GR	5	5143	
REYNOLDS ROBERT G	516 NW 2ND ST	UC	2		
REYNOLDS WILLIAM JOS	BU BX 2431	BA	3		
RHINEHART CLARENCE R	243B FLAVET 3	UC	2		
RHOADS ARTHUR STEVEN	1614 NW 2ND AVE	EG	4		
RHODE CARL ALEX	COMMUTES HIGH SPRING	UC	1		
RHODES HUEY HILMAN	BX 1013 WE	UC	1		
RHODES LAWRENCE M	7 DORM L	UC	1		
RHODES RAYMOND EARL	PALM TERR	LW	1	5184	
RHODES WILLIAM JOSEPH	213D FLAVET 3	BA	4		
RHODES WILLIAM JOSEPH	133 SU SC HSE	UC	2		
RHOTON MARY FRANCES	DDD HSE	PE	3	8603	
RHUDY ROB ROY JR	103 NW 14TH ST	AS	3		
RHYNE JO ANN	4 MA	UC	1		
RICE CHARLES ARTHUR	LAKE RD TR PK	UC	2	9293	
RICE CLYDE CHARLES	965 WE	UC	1		
RICE EDDIE LEE	SAE HSE	UC	2		
RICE JAMES EDWARD	528 NE 1ST ST	AR	3		
RICH ALBERT BENJAMIN	250T FLAVET 3	UC	2		
RICH PAUL EARL	787 NO	UC	1		
RICH ROBERT GRAHAM JR	1123 NW 14TH AVE	AS	3	6103	
RICH THOMAS ALLEN	211U FLAVET 3	AS	3		
RICHARD DORIS MOORE	COMMUTES LAKE CITY	GR	5'		
RICHARD SIDNEY ISSAC	BX 2171 U STA 25 BU	BA	3		
RICHARDS EDWIN P	349 MU SAE HSE	BA	4		
RICHARD FERDINAND JR	SAE HSE	UC	2		
RICHARDS JAMES EDWARD	BX 2703 11 BU	AG	3		
RICHARDS JENNINGS P	45 BU BX 2006	AR	4		
RICHARDS KAREN ANN	115 YU	UC	1		
RICHARDS MARGARET A	CO HSE	UC	2	8995	
RICHARDS THOMAS CARL	47 BU BX 2316	UC	2		
RICHARDSON ANOR	DDD THSE	AS	3	8603	
RICHARDSON ARTHUR H	329 N 17TH	JM	4		
RICHARDSON BASIL TEX	708 E UNIV	BA	3		
RICHARDSON EDWIN W	1ST SW AVE SAE HSF	UC	2		
RICHARDSON ELSIE E	COMMUTES	UC	2		
RICHARDSON GENE S	1728 1ST AVE	GR	5		
RICHARDSON GEORGE WMS	721 TO	UC	1		
RICHARDSON JANET	118 GR GEN DEL U STA	UC	2		
RICHARDSON JOHN WM	1414 NW 2ND AVE	EG	4		
RICHARDSON LARRY A	ATO HSE	UC	2	4463	
RICHBOURG EARL W	334 MU GEN DEL U STA	UC	2		
RICHEY ROLLA DEAN	COMMUTES ORLANDO	GR	5		
RICHMIRE FRED PIERCE	SAE HSE	UC	2	4513	
RICHMOND BENNIE A	526 NW 19TH AVE	AG	4		
RICHMOND CHARLES K	20 SW BTH ST	BA	3		
RICHMOND MARY T	526 NW 19TH AVE	ED	3	4148	
RICHMOND VALENCIA K	CO HSE	AS	4		
RICHTER CHAS EDWARD	UTD HSE	AR	3	8083	
RICHTER FRANCIS JACOB	136 FLAVET 2	ED	4		
RICHTER LAWRENCE C	14 DORM K	UC	1		
RICKARD JOHN WILLIAM	206U FLAVET 3	UC	2		
RICKER LAWRENCE H	224V FLAVET 3	GR	5		
RICKER VIRGINIA F	244V FLAVET 3	GR	5		

RICKERT CORINNE HOLT	1405 NE 6TH TERR	GR	5	
RICKERT ROBERT T	1405 NE 6TH TERR	GR	5	
RICKETTS MAC LINSCOTT	14 DORM A GEN DEL U	AS	3	
RICUPITO JOSEPH RALPH	240 FR GEN DEL U STA	UC	2	
RIDDLE DAVID LINDSAY	GEN DEL	UC	2	
RIDGWAY JAMES CLAY	626 TO	UC	1	
RIDGWAY WILLIAM PENN	253A FLAVET 3	UC	2	
RIEDELSHEIMER HENIZ A	GEN DEL U STA	UC	1	
RIGDON SAM TERRY	WE	UC	1	
RIGGS INA JANE	206 RI	UC	1	
RIGL CHARLES ROBERT	PIKP HSE	BA	3	9107
RIGL RUTH EDITH	11 MA	UC	1	
RIHERD PAUL MARKEY	353 MU BX 2703	BA	4	
RILEY DONALD CLAIR	511 NW 15TH ST	UC	1	4011
RILEY FRED JORDAN	SN HSE	UC	2	7353
RILEY GENEVIEVE LEW	180 YU	UC	1	
RILEY GEORGE BERNARD	COMMUTES TRENTON	AG	3	
RILEY JOHN LEWIS	RT 1 APT 60 UNIV MAN	LW	2	
RILEY MILTON COOPER	790 NO	UC	1	
RILLING JACK SEAMAN	FR GEN DEL U STA	AR	4	
RIMES EUGENE BOOTH	BX 2187 U STA 321 FR	UC	2	
RINGROSE BERNARD JAS	RT 3	UC	1	
RIO EVELIO BORGES	GEO SEAGLE HALL	EG	3	
RIPLEY JESSIE JEAN	1A MA	UC	1	
RIPPER CHARLES HENRY	520 SW 10TH ST	UC	2	4696
RIPPEY JOHN RALPH	1840 NW 2ND AVE	GR	5	
RISE WALTER B	GEN DEL U STA 203 SD	UC	2	
RISH ROY POWERS JR	238B FLAVET 3	ED	3	
RISK CHARLES DANIEL	1113 SW 1ST AVE	GR	5	
RISLER ANDREA G	1336 NW 5TH AVE	AS	3	3464
RISLER WELBY THOMAS	1336 NW 5TH ST	GR	5	
RISLEY JAS STEPHEN JR	DTD HSE	UC	2	
RITCH JOSEPH GEO JR	CRANF HALL	UC	2	
RITCHIE DAVID C	1224 SW 4TH AVE	ED	3	
RITCHIE ELAINE	131 NW 15TH TERR	UC	2	9055
RITTENOUR CHARLES A	847 SO	UC	2	
RITTER RICHARD MADDEN	PKT HSE	GR	5	
RITTER ROYAL JACOB	722 TO	UC	1	
RITWE MARGOT JANE	1104 SW 1ST AVE	UC	2	8540
RIVE GOMEZ DAVID	12 N W 8TH ST	GR	5	
RIVERA OLGA RITA	119 NW 16TH ST	GR	5	
RIVERS DANIEL LEEMON	234 FR GEN DEL U STA	UC	2	
RIVERS EUGENE GROVER	233 SW 2ND PL	UC	2	6104
RIVERS JAN	138 YU	UC	1	
RIVERS JIMMY SPURGEON	SPE HSE	UC	2	5903
RIVERS ROBERT ERROL	BX 2452 243U FLAVET	BA	4	
RIVERS SARA ANDREWES	COMMUTES LAKE CITY	GR	5	
RIVIERE HERBERT ROPER	PIKA HSE	GR	5	
RIZZO KATHRYN LEE	179 YU	UC	1	
ROACH CLIFFORD A	35A BU GEN DEL U STA	UC	1	
ROANE LEONIDAS L JR	1109 SW 3RD AVE	UC	2	8614
ROARK JOE ELWYN	233 N W 17TH	UC	2	
ROBARTS BONNIE F	COMMUTES ALACHUA	UC	2	
ROBARTS EDWARD J	213 NW 2ND AVE	UC	2	5860
ROBARTS GENE WALLACE	5 DORM C GEN DEL	UC	2	9181
ROBBINS BARTOW T	1320 NW 2ND AVE	EG	4	
ROBBINS CLYDE RICHARD	621 TO	UC	1	
ROBBINS EMMA JANE	165 YU	UC	2	
ROBBINS JAMES HAROLD	371 MU BX 3097	UC	2	
ROBBINS JOHN ALFRED	ARCHFR RD BX 627	GR	5	3361
ROBBINS MARGARET B	1613 NW 2ND PL	PE	4	
ROBBINS RICHARD V	16 DORM K GEN DEL U	UC	1	
ROBBINS ROBERT	GOLFVIEW BX 354	GR	5	4071
ROBBINS ROBERT JAMES	1743 NW 7TH PL	UC	2	
ROBERSON CHARLIE J	WE	UC	1	
ROBERTS AARON HOOD	TC HSE	AS	4	
ROBERTS ANN MARIE	125 YU	UC	1	
ROBERTS ANNA MARGARET	33RD ST RT 3 BX 68	ED	4	
ROBERTS ARTHUR HUGO	204 SE 4TH AVE	UC	1	
ROBERTS CARL S JR	1823 W HERNANDO	UC	2	
ROBERTS CHARLES EDW	1734 NW 1ST AVE	UC	2	
ROBERTS CHARLES R	PIKA HSE	AG	4	
ROBERTS CLARENCE W JR	1434 NW 3RD AVE	UC	1	
ROBERTS CLINTON L	GEN DEL U STA	UC	2	
ROBERTS CLYDE A JR	PKT HSE	UC	2	8623

ROBERTS	COURTNAY A	126 FLAVET 2	GR	5	
ROBERTS	DONALD R9	14 DORM N GEN DEL U	BA	3	
ROBERTS	EDITH NEAL L	COMMUTES INVERNESS	ED	6	
ROBERTS	FRANKLIN R	CLO HSE 1420 NW 1ST	UC	1	
ROBERTS	FRED FLETCHER	903 SO	UC	1	
ROBERTS	GEORGE W JR	1123 SW 1ST AVE	UC	2	
ROBERTS	GEORGE WESLEY	8 DORM A BX 191	UC	2	
ROBERTS	HERSCHEL V JR	CLO HSE	AG	4	
ROBERTS	JAMES CLYDE	1642 W UNIV AVE	UC	2	
ROBERTS	JAMES WM	252A FLAVET 3	UC	2	
ROBERTS	JESSE PORTER	CP HSE	AS	3	8878
ROBERTS	JO	289 FR CP HSE	UC	2	
ROBERTS	JOHN HAMLIN	136 SD GEN DEL U STA	UC	2	
ROBERTS	JOHN PIERSON	237D FLAVET 3	BA	4	
ROBERTS	JOHN THOS	32 BU BX 2294	GR	5	
ROBERTS	KERMIT LEROY	96A TH GEN DEL U STA	BA	4	
ROBERTS	LONITA F	188 REID	UC	2	
ROBERTS	MILLARD MASON	1002 W UNIV	ED	3	
ROBERTS	MILTON WAYNE	7 DORM D GEN DEL U	SEG	3	
ROBERTS	NELLIE H	COMMUTES LAKE CITY	UC	2	
ROBERTS	PATRICIA ANN	136 YU	UC	1	
ROBERTS	PAUL HENDRIX	34 BU GEN DEL U STA	UC	2	
ROBERTS	PHILLIP ADELE	11 DORM R GEN DEL U	UC	1	
ROBERTS	RANDALL PAUL	20 SW 8TH ST	UC	2	
ROBERTS	REGINALD H	304 FR BX 2814	UC	2	
ROBERTS	RICHARD E	1604 W UNIV AVE	UC	2	4711
ROBERTS	RICHARD H	GEN DEL U STA	UC	2	
ROBERTS	ROBERT V	9 DORM B GEN DEL U	SUC	2	
ROBERTS	ROY COMER	480 MU GEN DEL U STA	UC	2	
ROBERTS	SAMUEL DAVID	256E FLAVET 3	BA	4	
ROBERTS	VANN RIDLEY	268 FR GEN DEL U STA	UC	2	
ROBERTS	WM ANDREW	REISEN TR PARK RT 2	UC	1	6033
ROBERTS	WILLIAM G	BX 2784 1227 SW 1ST	AR	3	
ROBERTS	WILLIAM K	1740 N W 1ST AVE	UC	2	
ROBERTSON	ALAN JAMES	1716 NW 2ND AVE	GR	5	
ROBERTSON	CHAS SIDNEY	108 NE 8TH ST	UC	2	5846
ROBERTSON	DICKSON W	ATO HSE 7 DORM N	UC	2	
ROBERTSON	DORIS P	69 GR	UC	2	9145
ROBERTSON	EVERETT WM	255A FLAVET 3	BA	3	
ROBERTSON	GLENN F	286 FR BX 2563	EG	4	
ROBERTSON	HUBERT A	GEN DEL U STA	UC	2	
ROBERTSON	JACQUELYN R	1326 NW 3RD AVE	ED	3	
ROBERTSON	RICHARD L	366 MU	PH	3	
ROBERTSON	ROBERT D	47A BU BX 2316	EG	3	
ROBERTSON	WM ANDREWS	COMMUTES	GR	5	
ROBERTSON	WM LEONARD	ATO HSE	AS	3	4463
ROBEY	FREDERICK E JR	LC HSE	UC	2	8663
ROBILLARD	AMBOLENA H	RFD 4	GR	5	
ROBINS	LEON I	1105 W UNIV	PH	4	
ROBINSON	ALAN STUART	BTPI HSE	BA	3	3141
ROBINSON	DAISIE JANE	43 GR	UC	2	9145
ROBINSON	DEAN S	661 TO	UC	1	
ROBINSON	HUBERT P	COMMUTES PALATKA	GR	5	
ROBINSON	HUGH M JR	484 MU GEN DEL U STA	UC	1	
ROBINSON	JACK ELBERT	62 TH GEN DEL UNIV	SUC	2	
ROBINSON	JAMES FRANK	216A FLAVET 3	BA	4	
ROBINSON	JAMES S	COMMUTES TAMPA	GR	5	
ROBINSON	JOSEPH A JR	406 NE 1ST AVE	UC	2	
ROBINSON	KATHRYN	TD HSE	UC	2	
ROBINSON	RAYMOND C	808 NW 23RD BLVD	UC	2	
ROBINSON	ROBT DAVID	1018 T E	UC	2	
ROBINSON	ROBERT F	44 MU GEN DEL U STA	UC	2	
ROBINSON	ROBERT STITH	1321 W UNIV	GR	5	
ROBINSON	SAMUEL R	810 NO	UC	1	
ROBINTON	WALTER H JR	616 NE 7TH ST	UC	1	6273
ROBISON	MACK	449 MU BX 2488	BA	4	
ROCCA	JACK LAWRENCE	876 SO	UC	1	
ROCCAFORTE	DOMINIC	1305 NW 1ST AVE	UC	2	
ROCHA	NICOLAS FERRA	680 TO BXX2019	UC	2	
ROCHE	MARION C	COMMUTES OCALA	GR	5	
ROCK	GERALD WM	88 TH GEN DEL U STA	UC	2	
ROCKAFELLER	EUGENE F	GEN DEL U STA	AS	6	
ROCKHILL	WM OSBORN	15A BU GEN DEL U STA	BA	4	
ROCKWOOD	SOPHIA NELL	COMMUTES JAX	GR	5	
RODES	MARJORIE L	210 NW 15TH ST	AR	3	6118

RODGERS ANDREW CARROL	729 NW 10TH AVE	GR	5	6010
RODMAN PATRICIA ANN	ROCKY POINT BX 664	UC	2	
RODRIGUEZ ALBERTO M	400 MU BX 2746	UC	2	
RODRIGUEZ ANDREW M JR	207 NE 7TH ST	BA	4	
RODRIGUEZ EDWARD JOS	996 WE	UC	1	9017
RODRIGUEZ ESTHER H	218 RI	UC	1	
RODRIGUEZ FERMIN JR	237U FLAVET 3	UC	2	
RODRIGUEZ JOSE MARIA	21G FR BX 2746	UC	2	
RODRIGUEZ JUAN A	441 MU BX 2624	UC	2	
RODRIGUEZ RAYMOND R	CLO HSE	UC	2	
RODRIGUEZ SANTIAGO	1116 SW 2ND AVE	UC	2	
ROE ROLAND J	136 DESOTO	UC	2	
ROEBUCK JOHN P JR	1414 NW 1ST AVE	EG	4	
ROEHLING PATRICIA M	110 GR	UC	2	
ROGELLS WALTER F	249A FLAVET 3	LW	1	
ROGERO ANN JACQUELYN	1106 SW 4TH AVE	UC	2	8733
ROGERS ARTHUR	1842 W CHURCH	GR	5	
ROGERS BETTY ANN	411 NE 7TH ST	UC	2	8942
ROGERS CLARENCE J	168 FLAVET 2	GR	5	
ROGERS DON C JR	173 FLAVET 2	AR	4	
ROGERS DONALD GOODE	1610 W UNIV BX 2754	UC	2	
ROGERS DONNA JEAN	67 MA	UC	1	
ROGERS DOYLE	PDT HSE	LW	1	
ROGERS ENRIQUE G	3 DORM R BX 3219	UC	1	
ROGERS FRANCIS KING	504 NE 4TH AVE	UC	2	
ROGERS FRANKLIN B	266 FR GEN DEL U STA	UC	2	
ROGERS LUCILE WATSON	COMMUTES WILDWOOD	GR	5	
ROGERS MARTHA	COMMUTES	GR	5	
ROGERS MARTHA MILLER	421 NW 15TH ST	UC	2	3490
ROGERS MARY BELLE	COMMUTESBROOKSVILLE	GR	5	
ROGERS MARY KATHLEEN	233 RI	UC	2	
ROGERS MORRIS HUGH	241V FLAVET 3 BX 288	GR	5	
ROGERS PHYLLIS J	819 NW 13TH ST	BA	3	6077
ROGERS WM BRADLEY	421 NW 15TH ST	GR	5	3490
ROGERS WILLIAM DIXON	318 NE 2ND AVE APT 4	LW	2	
ROGERSON JOHN THOMAS	215 SW 3RD AVE	LW	1	
ROGERSON PRISCILLA P	215 SW 3RD AVE	GR	5	
ROLLER HAROLD S	KS HSE	UC	2	
ROLLER RICHARD HARRY	454 MU KS HSE	AG	3	
ROM FRANK WILLIAM	120 SD BX 2084	UC	2	
ROM SHIRLEY MARIE	63 MA	UC	1	
ROMANO CHRISTINE ROSE	37 MA	UC	1	
ROMANOFF ELIAHU				
ROOBIN LOUIS JULIUS	TEP HSE	UC	2	
ROOKS JOHN SCOTT	1123 SW 1ST AVE	EG	4	9054
ROOKS JULIAN RODNEY	196 SD	UC	2	
ROOKS THOMAS QUINTIN	PKT HSE	BA	4	8623
ROONEY ELIZABETH ANN	20 GROVE HALL	ED	3	
ROOT LELA MAURINE	209S FLAVET 3	ED	4	
ROOT ROBERT LEROY	209S FLAVET 3	ED	4	
ROPER CLARENCE H	1624 NW 2ND PL	AG	3	
ROPER WM ROBERT	484 MU GEN DEL U STA	UC	1	
ROQUE DANIEL JOSEPH	231 FR	UC	2	
ROQUEMORE JOHN EDWIN	88X FLAVET 3	LW	3	
ROSA ERNO	147 SD BX 2572	UC	2	
ROSE ALLAN IRVING	718 TO	UC	1	
ROSE CARL GRAHAM JR	433 MU SAE HSE	UC	2	
ROSE DONALD E		BA	4	
ROSE HOWARD ALLEN	718 TO	UC	1	
ROSE NANCY DOROTHY	4 MICHAEL	UC	2	
ROSEN ALVIN	PILP HSE	UC	2	9843
ROSENBERG ALBURT M	1106 SW 2ND AVE	GR	5	3220
ROSENBERG DELLA	COMMUTES	GR	5	
ROSENBERG DONALD GEO	19 DORM N GEN DEL	UC	2	
ROSENBERG FRANCES L	1106 SW 2ND AVE	AS	3	3220
ROSENBERG MYRON S	1105 UNIV	UC	2	
ROSENBERGER MARGARET	COMMUTES MICANOPY	GR	5	
ROSENBLATT MILTON	386 MU GEN DEL U STA	UC	2	
ROSENBLITT CHARLES A	348 MU PILP HSE	UC	2	
ROSENFELD SIGMUND J	148 SU GEN DEL U STA	AS	4	
ROSENGARTEN MARVIN	800 NO	UC	1	
ROSENGREN FAYE I	COMMUTES NEWBERRY	GR	5	
ROSENGREN PAUL L	GEN DEL UNIV STA	UC	2	
ROSENSON ADA	234 REID HALL	UC	2	
ROSENSON DANIEL P	367 MU PILP HSE	UC	2	

ROSENTHAL JOEL H	RT 5 BX 28C	AS	3	8440
ROSENTHAL JULIETTE K	RT 5 BX 28C	GR	5	8440
ROSENTHAL MELVIN H	42 BU GEN DEL U STA	PH	3	
ROSENTHAL VICTOR M JR	TEP HSE 211 MU	BA	3	
ROSENTHAL ZANNE LEE	1104 SW 1ST AVE	UC	2	9540
ROSENVOLD RICHARD C	10 BU BX 3095	UC	2	
ROSETTI LOUIS C JR	232 NW 16TH ST	LW	1	
ROSEVELT SHIRLEY E	1111 NW 1ST PL	ED	3	
ROSIER NELSON EUGENE	741 SW 2ND ST	UC	2	
ROSIER STANLEY B	5 DORM K GEN DEL U	SUC	1	
ROSILLO ALBERT PAULS	12 NW 8TH ST	AS	3	
ROSNER SHELDON JOEL	388 MU PILP HSE	UC	2	9843
ROSOF ROBERT ALAN	665 TO	UC	1	
ROSS ALAN STUART	1013 WE	UC	1	
ROSS DON ALAN	ZBT HSE BXX2656	UC	2	
ROSS GEO BERTRAM	725 NE 6TH STL	UC	2	
ROSS JACK HUGH	1402 W UNIV	AG	4	
ROSS JAMES DANIEL	1434 SE 3RD AVE	UC	2	5432
ROSS JEANNE CAROL		AS	3	
ROSS LIONEL EARL	414 NW 16TH AVE	GR	5	
ROSS LUCILE LAMBERT	COMMUTES JAX	GR	5	
ROSS MARILYN CAREY	725 NE 6TH ST	BA	4	
ROSS ROSEMARY	1236 SW 1ST AVE	UC	2	
ROSSANT JAMES STEPHEN	208 NW 17TH ST	AR	4	
ROSSETER EDWARD A	KA HSE	UC	2	8883
ROSSI NICHOLAS	CRANE HALL	UC	2	6043
ROSSIGNOL EUGENIA B	89 GR	UC	2	
ROSSMAN NORMAN A JR	TEP HSE BX 551	BA	3	8863
ROTH BETTY ANN	81 GR	UC	2	9415
ROTH MILTON MAYER	416 MU GEN DEL U STA	BA	3	
ROTH ROBERT H	PET HSE	UC	2	8863
ROTHBERG ROBERT ALAN	PILP HS	UC	2	9843
ROTHERT BYRON KENNETH	GEN DEL U STA	EG	4	
ROTHMEN KATHERINE F	21 MA	UC	1	
ROTHSTEIN SYLVIA RITA	1217 SW 4TH AVE	UC	2	
ROTHWELL DONALD F	417 NE 4TH AVE	GR	5	5709
ROULSTONE HARRY B	CP HSE	UC	2	
ROUNDTREE ROBERT E	719 NE 8TH AVE	LW	1	5415
ROUNTREE RICHARD E	NO DTD HSE	UC	1	
ROURKE ALBERT JOSEPH	5 DORM K GEN DEL U	SUC	1	
ROUS DIANE EMALINE	176 YU	UC	1	
ROUSSEAU ALBERT JOS	14 DORM N GEN DEL U	UC	2	
ROUSSELLE ROLAND L	TH GEN DEL U STA	UC	2	
ROWAN BILLY MARVIN	PKT HSE	UC	2	
ROWAN CHARLES EDISON	117 NW 15TH ST	AG	4	8753
ROWE BILLY LYNTON	ATO HSE	LW	1	
ROWE CHARLES LEWIS	PIKP HSE	UC	2	910
ROWE GENE ALLISTON	914 SW 6TH ST	UC	2	
ROWE MARY WALLACE	58 MA	UC	1	
ROWE MARY WILLIAMS	COMMUTES CHIEFLAND	ED	4	
ROWE RALPH BURNETT	GEN DEL U STA	UC	1	
ROWE RANDELL H JR	172 SD GEN DEL U STA	FY	4	
ROWE RICHARD DONALD	GEO SEAGLE HALL	UC	2	
ROWE RICHARD L	1504 W UNIV	UC	2	
ROWE RICHARD LEW	PI ALPHA HSE MU L	UC	2	
ROWELL ROBERT GRADY	1636 NW 8TH AVE	UC	1	6915
ROWLAND CECIL HORACE	99 TH BX 2245	EG	4	
ROWLEY WILLIAM S		LW	1	
ROYAL DIXIE E JR	160 SD	UC	2	
ROYALL WM ROBERT JR	218 FR GEN DEL	EG	4	
ROZAR LUTHER L JR	1504 W UNIV	AG	3	
ROZELLE FREDERICK E	424 NE 6TH ST	GR	5	
RUBIN RICHARD H	745 TO	UC	1	
RUBIO LOPEZ JOSE M	27 BU C BX 2594	GR	5	
RUBY DANIEL LEON	PILP HSE	UC	2	9853
RUCKER ALLEN HARRISON	COMMUTES ATLANTIC BC	GR	5	
RUDDERMAN GERALD ALAN	HILLCREST AVE BX 125	BA	3	3626
RUDE ELIZABETH MAE	54 MA	UC	1	
RUDLER SHIRLEY ANN	276 RI	UC	2	
RUEFER ALVIN ROGER	395 MU GEN DEL U STA	UC	2	
RUEHLE JOHN LEONARD	212 FR GEN DEL U STA	UC	2	
RUFFING RAYMOND LOUIS	SECT L MU GEN DEL U	UC	1	
RUHLIN WM BRADLEY	371 MU BX 2793	UC	2	
RUIS OTIS ARCHIE	PKT HSE	UC	2	
RULE PATRICIA HAYDEN	59 GR	AS	3	

RUMPH MARIAN	BX 3049	GR	5	4512
RUNCIE ROBERT ALLEN	309 SW 1ST ST	LW	1	7016
RUNKEN DAPHNE IRENE	200 RI	UC	1	
RUNKEN ROY GERARD	35 MU GEN DEL U STA	UC	2	
RUNZLER WM HALLEN	716 NE 7TH ST	GR	5	
RUPP WM JOHN	4A BU BX 3006	AR	3	
RUPPELT ELLIS A	1722 NW 2ND AVE	ED	3	
RUSH ALAN FRANCIS	1624 NW 2ND AVE	UC	2	
RUSHING WALLACE L	ATO HSE 512 MU	UC	2	
RUSKIN JOANNE JEANNE	217 RI	UC	1	
RUSS WILLIAM ALBERT	BX 2824	UC	2	
RUSSELL GERDEN O JR	995 WE	UC	1	
RUSSELL HENRY M JR	KIRBY SMITH SCHOOL	UC	2	6306
RUSSELL JOE JR	SAE HSE	UC	2	
RUSSELL LLOYD EMORY	774 NO	UC	1	
RUSSELL MARJORIE JUNE	215SW 2ND AVE	AS	4	3230
RUSSELL MARVIN W	505 NE 9TH AVE	GR	5	6853
RUSSELL MELVIN E JR	MU GEN DEL U STA	UC	2	
RUSSELL NANCY P	505 NE 9TH AVE	ED	4	6853
RUSSELL ORIS STANLEY	1544 NW 4TH AVE	GR	5	
RUSSELL PATRICK B	PKT HSE	UC	2	8623
RUSSELL WILLIS M III	115 SD SC HSE	UC	2	1980
RUTHERFORD JAMES W	ATO HSE	UC	2	
RUTHERFORD ROBT ERWIN	423 SW 10TH ST	GR	5	
RUTKIN REYO	PATRICK & PIERCE	UC	2	
RUTLAND JOHN JAY	231T FLAVET 3	LW	3	
RUTLEDGE BURT JOS JR	115 NW 10TH ST	UC	2	
RUTLEDGE JOHN ALLEN	1234 SW 1ST AVE	LW	1	9054
RUTSTEIN LEWIS PAUL	TEP HSE GEN DEL U STU	C	2	
RYAN ARCHIBALD J JR	622 SW 9TH ST SAE HS	LW	1	
RYAN GERALDINE	123 NW 15TH TERR	ED	3	
RYAN PETER J	TC HSE	UC	2	4814

S

SAARINEN JAMES WALTER	1115 NW 1ST PL	UC	2	
SABA GEORGE NELSON	253 FR GEN DEL U STA	BA	3	
SABAL ALBERT	102 N W 13TH ST	GR	5	
SABELLA FRANK RAGANO	13 DORM O GEN DEL U	UC	2	
SACHS BERNICE	1104 SW 1ST AVE	UC	2	9540
SACKER JOHN ELIAS JR	SD 131 BX 2182	UC	2	
SAFER BEVERLY DIANE	1104 SW 1ST AVE	UC	2	9540
SAFFORD DRANE J	1740 NW 1ST ST	BA	3	
SAFFY RALPH DAUMIT	1245 W UNIV	UC	2	
SAFKO KENNETH ROLAND	874 SO	UC	1	
SAHLIE RICHARD SCOTT	PIKP HSE	EG	4	9107
SAIG LILLIAN E	COMMUTES JAX	GR	5	
SAIS JOSE	335 MU BX 2772	GR	5	
SAKASH GEORGE	810 SW 1ST AVE	UC	2	
SAKS HERBERT EDW	PILP HSE	UC	2	
SAKSHAUG THOMAS M	1618 NW 4TH AVE	GR	5	8627
SALAZAR MANUEL	GEN DEL U STA 122 SD	UC	2	
SALLAS JACK KENNETH	203T FLAVET 3	UC	2	
SALLEY ERNEST MERES	292 FR BX 2643	UC	2	
SALMON HERSCHEL L	641 TO	UC	1	
SALT JACK BENTON	2218 NW 1ST AVE	UC	2	5452
SALZER ERWIN STANTON	321 FR GEN DEL U STA	BA	4	
SAMARAS GEORGE THEO	5 DORM K GEN DEL U S	UC	1	
SAMARAS GEORGIA THEO	104 GR	ED	3	
SAMARKOS ANTHONY M	1614 NW 3RD PL	UC	2	
SAMMECK MARY FRANCES	DP HSE	UC	2	8780
SAMMONS ROBERT W	749 NO	UC	1	
SAMMONS WILLIAM LAMAR	4 DORM K GEN DELU S	UC	1	
SAMPSON HARVEY R	SN HSE	PE	3	7353
SAMPSON ROGER WMS	1405 NW 13TH ST	ED	6	
SAMUELS WILLIAM	27 BU BX 2545	UC	2	
SANBORN JOHN WM	1432 W UNIV	UC	2	
SANCHEZ ARSENIO M	1305 NW 1ST AVE	AS	4	
SANCHEZ BONNY A	976 WE BX 2456	UC	1	
SANCHEZ FRANK E	101A TH GEN DEL U ST	UC	2	
SANCHEZ FRANK JOE	BX 2465	UC	2	
SANCHEZ JOSE THOMAS	703 TO	UC	1	

SANDA EMIL	DTD HSE	UC	2	
SANDERS HOWARD WM	37A BU GEN DEL U STA	BA	3	
SANDERS JACQUELINE	313 SE 3RD ST	UC	2	6654
SANDERS ROMA JOHN	2 DORM C GEN DEL U S	UC	2	
SANDERS WILSON F JR	1808 NW 1ST AVE	UC	2	
SANDLER CURTIS EARLE	249 FR BX 2238	UC	2	
SANDLIN JOHN ROBT JR	69B TH GEN DEL U STA	UC	2	9190
SANDLIN LUCILE	COMMUTES LAKE CITY	UC	2	
SANFORD JAMES KENNETH	1111 3RD AVE NW APT	UC	1	
SANGAREE CHARLES V	1319 NW 2ND AVE SAE	UC	2	8556
SANSBURY JAMES LEROY	LAKE RD TR PK	UC	2	
SANTIAGO R ADOLFO	253K FR GEN UEL U STL	W	1	
SANTONI WM ANTONIO	38A BU GEN DEL	UC	2	
SANTORO JOSEPH WM	664 TO	UC	1	
SANTOS JUAN	527 NE 3RD ST BX 214	EG	4	
SANTOS MANUEL ROY	LYRIC THEATRE BX 255	UC	2	4061
SAPIOS GEORGE KRAYON	GEN DEL U STA	UC	1	
SAPP GLADYS FAYE	12 NW 17TH TER	UC	2	7472
SAPP LENA MAE	COMUTES LULU	UC	2	
SAPP SAMUEL HOUSTON	COMMUTES FERNANDINA	GR	5	
SARACHEK ALLEN A		PH	3	
SARDO JOSEPH	20 UNIV MANOR	GR	5	
SARGENT MEDORA M	126 GROVE GEN DEL U	UC	2	
SARLIN MORTON	265 FR GEN DEL U STA	UC	2	
SARRIS GEORGE TONY	655 TO	UC	1	
SATIN SID	244R FLAVET 3	PH	3	
SATTERFIELD MARY C	73 GROVE HALL	UC	2	
SATURNA JOHN JOSEPH	386 MU GEN DEL U STA	UC	2	
SAUCER RAYFORD T	23 BU BX 2549	GR	5	
SAULTS ROBERT WILLIAM	931 W UNIV	FY	4	8783
SAUNDERS ALBERT R JR	435 MU BX 2492	UC	2	
SAUNDERS CLAUDE C	748 NO	UC	1	
SAUNDERS GLENN L	103 FLAVET 2	UC	2	
SAUNDERS PATSY V	179 YU	UC	1	
SAUTHER MARY VIRGINIA	112 YU	UC	1	
SAVADKIN SONDRA P	243 RI	UC	2	
SAVAGE GORDON H	SAE HSE	UC	2	
SAVAGE PHILLIP ULMER	GEN DEL U STA	UC	2	
SAVAGE WILLIAM O	KA HSE	AR	4	8883
SAVIGE JOHN L	286 FR BX 3006	ED	4	
SAVINELLI EMILIO A	1414 NW 2ND AVE	GR	5	3821
SAVITZ GEORGE	563 NE 3RD ST	BA	3	
SAWICKI EUGENE	31 UNIV MANOR	GR	5	
SAWYER CAMILLE H	117 NW 2ND AVE	GR	5	
SAWYER DONALD ALBERT	73A TH BX 3081	GR	5	
SAWYER EARL M	1015 NW 3RD AVE	GR	5	3996
SAWYER GEORGE WM	117 NW 2ND AVE	GR	5	
SAWYER HARRY MELVIN	690 TO GEN DL U STA	UC	1	
SAWYER HUGH LANDON	UNIV MANOR 9TH ST	UC	2	
SAWYER ROBERT K	233U FLAVET 3	UC	2	
SAYE ROLAND ATMA	281 FR BX 2074	AR	4	
SAYERS NEWTON LEE	SD 199C	AR	4	
SAYRE DAVID FAWCETT	137 SD GEN DEL U STA	UC	2	
SCAGLIONE PETER CHAS	926 SO GEN DEL U STA	UC	1	
SCARBOROUGH TROY B	32 BU BX 2603	GR	5	
SCARBOROUGH TRUMAN G	2048 NW 7TH LANE	GR	5	4168
SCARBOROUGH VALERIE A	44 MA	UC	1	
SCARBROUGH NINA M	45 GROVE HALL	UC	2	
SCARDASIS GEORGE THEO	38 BU GEN DEL U STA	UC	2	
SCARLETT MELVIN GILLY		GR	5	
SCARPONE JUSTIN A	WE GEN DEL	UC	2	
SCARSELLA JOSEPH A JR	IDEAL TR PK BX 26A	PH	3	9297
SCHAEFFNER CAROL ANNE	1015 SW 3RD AVE	UC	1	3002
SCHAFFER EDMUND T	306 N MAIN ST	EG	4	
SCHAIBERGER GEO ELMER	19 LONILIAR	GR	5	
SCHAIBERGER ROSE MARY	19 LONILAIR	AS	3	
SCHALLER DOROTHY V	50 MA	UC	1	
SCHECTER ELLEN B	108 GR	UC	2	
SCHECHTER NANCY	49 GR	AS	3	
SCHEER RICHARD KEITH	1505 NW 8TH AVE	GR	5	
SCHEIBLA RUTH ELIZ	1611 NW 2ND PL	AS	4	
SCHELL GEO FREDERICK	PDT HSE	BA	4	
SCHELTER JOHN B	1630 NW 2ND AVE	ED	3	
SCHEMER GERALD E	PILP HSE	UC	2	9843
SCHEMER WM HELMAN	TEP HSE	BA	3	8863

SCHENKMAN LEONARD	264 FR BX 2428	UC	2	
SCHERER PAUL BURNHAM	SD C202 BX 2087	UC	2	
SCHERR DANIEL NILO		LW	1	
SCHIFFLI RICHARD J	1630 NW 2ND AVE	UC	2	
SCHILENS GEORGE	BTPI HSE	UC	2	
SCHINNELLER JOHN W	86W FLAVET 1	GR	5	
SCHISLER CHARLES WM	741 SW 2ND AVE	EG	3	
SCHISLER MARY ELIZ	1725 NW 3RD OL	AS	3	7910
SCHLAYER MARY ELIZ	1336 NW 5TH AVE	GR	5	8034
SCHLEIFER CARL BENJ	511 MU BX 551	GR	5	
SCHLOTTERLEIN FRED W	50 TH GEN DEL U STA	UC	2	
SCHLUTER HENRY	153 DORM G BX 2701	UC	2	
SCHMID WALTER	7 DORM C	UC	2	
SCHMIDT ALFRED PAUL	416 MU BX 2337	UC	2	
SCHMIDT ERNEST A	103 NW 14TH ST	PH	3	3416
SCHMIDT FREDA OLEN	202 15TH ST N W	GR	5	
SCHMIDT VIRGINIA L	226C FLAVET 3	UC	2	
SCHMIDT WILLIAM JAMES	226C FLAVET 3	JM	4	
SCHMITT ALFRED JOHN	345 MU GEN DEL U STA	UC	2	
SCHMITT PHILIP E	GEN DEL U STA 178 SD	UC	2	
SCHNAKE GEORGE H	919 NW 8TH ST	UC	2	
SCHNEE CHARLOTTE	110 YU	UC	1	
SCHNEE GERALD		UC	2	
SCHNEIDER BERNICE V	120 NW 15TH TERR	AR	3	
SCHNEIDER EARL MILTON	RT 4 BOX 189	AG	3	
SCHNEIDER JOHN PAUL	RT 4 BX 201	UC	2	
SCHNEIDER ROBERT J	1848 W HERNANDO	UC	2	
SCHNELLE MARJORIE A	1615 NW 8TH AVE	UC	2	6829
SCHOCKETT ROBERT M	117 NW 17TH ST	UC	2	
SCHOENBERGER RICHARD	210A FLAVET 3	UC	2	
SCHOETTLE HOMER LEWIS	891 SO	UC	1	
SCHOLL RAYMOND KEMP	15 NW 15TH ST	UC	2	
SCHOOLEY OSWALD S	101B TH BX 2128	UC	2	
SCHOTT MARTIN RICHARD	COTTAGE 1 SE 1ST AVE	UC	2	
SCHOWALTER ROBERT P	5 DORM L GEN DEL U SUC		1	
SCHRADER GEORGE F	1636 NW 7TH AVE	GR	5	7049
SCHRADER HANS WM	1636 NW 7TH AVE	GR	5	7049
SCHRADER RALPH WM	LAKE RD TR PARK	PH	4	
SCHRENK GEORGE M JR	4115 S W 2ND ST	FY	4	
SCHRENK JENNY L SMITH	411 SW 2ND ST	GR	5	
SCHRETZMANN JOSEPH G	PIKP HSE	BA	4	
SCHROEDER BETTY LEE	SK HSE	UC	2	9863
SCHROTER DODSLEY A	LCA HSE	UC	2	8663
SCHUBERT CARL MAX JR	1613 NW 5TH AVE	AR	4	
SCHUBIGER MARGARET A	329B NW 17TH	BA	3	
SCHUCK PAUL RICHARD	516 N MAIN BX 3001	ED	3	
SCHULLSTROM ROBERT A	771 NO	UC	1	
SCHULMAN ESTHER	26 GR	UC	2	
SCHULMAN HAROLD	506 MU GEN DEL U STA	AS	3	
SCHULMAN NORMAN IRWIN	60 MU BX 3013	UC	2	
SCHULTHEIS GERARD RAY	482 MU GEN DEL U STA	UC	2	
SCHULTZ DONALD A	416 NE 7TH ST	GR	5	
SCHULTZ ERNEST E	PIKA HSE 413 MU	EG	3	
SCHULTZ HENRY ALFRED	101 ANNIS BLVD RT 4	UC	2	
SCHULZ KENNETH NASH	ATO HSE	AG	4	
SCHULZ PAUL DONALD	TC HSE	UC	2	4814
SCHUMACHER CHAS ROBT	225 SW 5TH	UC	2	
SCHWALBE RICHARD B	SAE HSE	UC	2	4513
SCHWARTZ ALBERT MYRON	77U FLAVET 1	ED	4	9131
SCHWARTZ ARTHUR D	282 FR GEN DEL U STA	UC	2	
SCHWARTZ HERBERT T	PILP HSE	UC	2	9843
SCHWARTZ IDA A	77U FLAVET 1	UC	2	
SCHWARTZ IRVING H	174 SD BX 2576	GR	5	
SCHWARTZ ROBERT PAUL	116 NW 18TH ST	PH	4	
SCHWARTZBURG F DIGBY	TC HSE	UC	2	
SCHWARZ ALBERT P	247A FLAVET 3	LW	1	
SCHWARZ WALTER C	823 NO	UC	1	
SCHWEBEL CECILE F	1104 SW 1ST AVE	ED	3	9540
SCHWENK ROGER FRED M	171 SD GEN DEL U STA	UC	2	
SCIOVILLE RENE SAMPER	21 BU BX 2114	UC	2	
SCOFIELD DORIS	COMMUTES HIGH SPRING	ED	3	
SCOLES WENDELL W	30A BU	UC	2	
SCOPP JOSEPH	28 UNIV MANOR	UC	2	3800
SCOTT DOUGLAS B	GEN DEL U STA 479 MU	UC	2	
SCOTT EDWARD DONALD	60 TH GEN DEL U STA	PH	3	

SCOTT ELBERT LEE JR	70RM O GEN DEL U STA	EG	3	
SCOTT JAMES A	385 MU BX 2394	UC	2	
SCOTT LENZY MAURICE	POULTRY LAB	UC	2	
SCOTT LINUS ALBERT	926 N W 30TH AVE	GR	5	8505
SCOTT RICHARD CLARK	352 MU GEN DEL U STA	UC	2	
SCOTT RICHARD T	KS HSE	UC	2	
SCOTT ROBERT NORMAN	PIKP HSE	UC	2	
SCOTT STANLEY TURNER	113 NW 17TH ST	GR	5	
SCOTT STUART DONALD	1503 NW 10TH AVE	UC	1	6316
SCOTT THOMAS EDMUND	810 E UNIV	PE	4	
SCRUGGS GENERAL DANA	COMMUTES NEWBERRY	AS	4	
SCRUGGS JOHN COOPER	BX 2562	AS	4	3932
SCUDDER FRANK ASHER	964 WE	UC	1	
SCUPINE CHARLES T	160 SD BX 2565	UC	2	
SCUSSEL JAMES OTTO	AGR HSE	UC	1	
SCUSSEL JOHN JOSEPH	AGR HSE	AG	4	7071
SEABERG HAROLD F		UC	2	
SEABERG LILLIAN MARIE	1028 SW 3RD AVE	GR	5	7487
SEAMMEN FRANK HEATH		UC	2	
SEANEY JOHN K	444 MU PIKP HSE	UC	2	
SEARCY JAMES RUDOLPH	HAWTHORNE RD	UC	1	8887
SEARCY JOHN HOLDEN	GEN DEL U STA 346 MU	EG	4	
SEARCY MARY JEAN	1126 NW 11TH AVE	UC	2	
SEARING EUNICE P	COMMUTES STARKE	GR	5	
SEARS ANDY WILSON	ATO HSE	UC	2	
SEATON PATSY ANN	109 GR	UC	2	9145
SECHREST JOHN CLAY	534 NE 4TH AVE	UC	2	
SECKINGER JANE ANNE	RT 2 BX 76A OCALA RD	UC	2	5038
SEDLER RAPHAEL M	21G BU BX 3249	PH	4	
SEELEY JOAN K	142 YU	UC	1	9266
SEELY LAWRENCE ALAN	18 NW 17TH ST	UC	2	
SEEPE WM HORACE	CP HSE	UC	2	
SEGAL BERNEY STANLEY	1105 W UNIV BX 551	BA	3	
SEIBERT EDWARD JOHN	20 DORM N	AR	3	
SEIBERT LESLIE EUGENE	5 BU BX 2226	UC	2	
SEIBERT PHILIP L	BX 2224	UC	2	
SELBY BETTY ROBERTA	48 GR	UC	2	
SELENGUT JOAN LEE	135 GROVE HALL	AS	3	
SELIAN HAIG	154 SD GEN DEL U STA	AR	4	
SELIGMAN EDYTHE JANE	275 RI	UC	2	
SELLERS DONALD R	176 SD 1219 W UNIV	UC	2	8663
SELLERS EURUS GUY JR	RT 2 BX 132	GR	5	
SELLERS GLENN MARVIN	785 NO	UC	1	
SELLERS JAMES C	COMMUTES LAKE CITY	GR	5	
SELLERS MARY ALICE	250 RI	UC	2	
SELLERS RODNEY OWEN	257 FR K	AS	4	
SELLERS RUTH BROWN	COMMUTES LAKE CITY	ED	3	
SELLS JACKSON JOHNSON	727 TO	UC	1	
SELTZER GERALDINE ANN	1027 NW 11TH AVE	UC	2	
SEMAGO JOHN Y	COMMUTES	GR	5	
SENDEL PHIL HENRY	3 DORM K	UC	1	
SENKARIK CHARLES EDW	620 SO	UC	1	
SENKO MICHAEL JR	307 SE 2ND ST	PH	4	
SENNE RONALD JR	226 FR GEN DEL U STA	UC	2	
SENTERFITT JAMES H	COMMUTES TRENTON	GR	5	
SEPIN ROBERT ELLIOT	1105 UNIV BX 551	UC	2	8863
SERVIN OSCAR	3006 NW 13TH ST	UC	1	
SESSUMS THOS TERRELL	GA SEAGLE	AS	3	
SETLIFF WALLACE WADE	MU E GEN DEL U STA	UC	2	
SEVERSON BURNS OSCAR	510 NE 6TH AVE	GR	5	
SEWELL RAYMOND FULTON	28 BU GEN DEL UNIV S	GR	5	
SEXTON CHARLES R	PDT HSE	AG	3	
SEXTON JAMES B	RT 3 BX 86K	GR	5	7291
SEXTON WILLIAM C	827 NO	UC	1	
SEYMOUR HERBERT ALLEN	803 NO	UC	1	
SGANGA FRANCIS T	214U FLAVET 3	GR	5	
SHAABER ANDREAS ROELF	319 FR	UC	2	
SHABALA STEPHEN	722 SE 5TH AVE	GR	5	
SHAD JOSEPH F	398 MU SPE HSE	UC	2	
SHADER EDYTHE JOYCE	271 RI	UC	2	
SHADER RONALD JAMES	957 WE	UC	1	
SHAFFER DON WARREN	322 FR GEN DEL U STA	PE	4	
SHAND DOUGLAS A		UC	2	
SHAPIRO MARILYN	232 RI	UC	2	
SHARP ALICE VAUGHAN	307 NW 15TH TERR	GR	5	

SHARP JANE ALLEN	32 GR GEN DEL U STA	ED	3	
SHARP LEWIS THOMAS	PKT HSE	UC	2	
SHARP PATRICIA ANN	307 NW 15 TER	UC	2	5316
SHARPE LLOYD CASEY	14 DORM GEN DEL UNI	UC	2	
SHARPE MILES HERVEY	COMMUTES NEWBERRY	GR	5	
SHARPE REBECCA JANE	219 RI	UC	1	
SHARWIN NATHAN STRAUS	274 FR BX 2475	EG	3	
SHASHY FREDERICK A	2B BU BX 3067	AR	4	
SHATZ BURTON LEONARD	MU GEN DEL U STA	UC	2	
SHAW CLAUDE WM JR	432 SW 5TH ST	UC	1	
SHAW FRED A	COMMUTES	GR	5	
SHAW JOHN EDGAR	1432 W UNIV AVE	UC	1	
SHAW JOHN GIFFORD	STENGEL FLD GEN DEL	AS	3	
SHAW JOHN HENRY	GEN DEL U STA	AG	3	
SHAW RICHARD LUCIUS	216 FR KA HSE	UC	2	
SHAW RODERICK K JR	1319 NW 2ND AVE	LW	1	
SHAWVER CHAS BIVENS	236B FLAVET 3	GR	5	
SHEA VERNON THOMAS	GEN DEL	BA	3	
SHEALY JESSE MURRAY	CP HSE	BA	3	8783
SHEALY MARIE EDNA	1123 SW 1ST AVE	ED	4	9054
SHEALY RUTH STEPHENS	COMMUTES CITRA	GR	5	
SHEARIN SIDNEY EARL	117 NW 15TH ST	UC	2	6203
SHEARON GEORGE BUARD	964 WE	UC	1	
SHEAROUSE GEORGE M	727 E UNIV	UC	2	8198
SHEDDEN WILLIAM M	GEN DEL U STA	UC	2	
SHEEHAN JAMES HARLEY	259 FR GEN DEL U STA	UC	2	
SHEEHAN JOSEPH M	416 MU BX 2199	AS	4	
SHEEHAN THOMAS JOS	1123 NW 3RD AVE	GR	5	
SHEFFIELD BETTIE	139 GR	UC	2	9415
SHEFFIELD CLIFTON E	DORM K GEN DEL U STA	UC	2	
SHEFFIELD GREGORY J	RT 3 BX 286	AG	3	
SHEFFIELD MALCOLM GEO	422 SW 3RD ST	AS	3	2926
SHEFFIELD REBECCA S	RT 2 BOX 76A OCALA R	UC	2	5038
SHEKTER ROBERT JOHN		AS	4	
SHELDON LEONARD LEE	720 TO	UC	1	
SHELDON MICHAEL TODD	WE	UC	1	
SHELL THURSTON ALBERT	PKT HSE	BA	3	8823
SHELLEY GEORGE RAMSEY	GEN DEL U STA	UC	2	
SHELTON WM LESTER	28 BU SPE HSE	UC	2	5903
SHENKMAN GERALD	DORM O GEN DEL	UC	2	
SHEPPARD EDWIN S	1209 W UNIV	EG	4	
SHEPPARD JEAN	422 SE 3RD ST BX 258	ED	4	
SHEPPARD JEAN S	422 SE 2RD ST	ED	4	6926
SHEPPARD JOHN F JR	834 SO	UC	1	
SHEPPARD JOHN W	13 DORM K DTD HSE	UC	1	
SHEPPARD KATE B	COMMUTES STARKE	GR	5	
SHEPPARD ROBERT GAYLE	460 MU BX 3013	UC	1	
SHEPPARD WM ALFRED JR	12 DORM K DTD HSE	AS	4	
SHERER DICK LYNN	153 FLAVET 2	PH	3	
SHERIDAN MYRTLE M	COMMUTES PALATKA	ED	4	
SHERIDAN THOMAS F JR	368 MU PKP HSE	BA	3	
SHERMAN ANN JULIETTE	264 RI	UC	2	
SHERMAN CAROL LOU	2233 NW 6TH PL	AS	3	7108
SHERMAN DAVID H	1005 NE 12TH AVE	GR	5	
SHERMAN FRANCES J	1028A SW 4TH AVE	UC	2	8279
SHERMAN HIRAM J	997 WE	UC	1	
SHERMAN JOHN SCOTT JR	TC HSE	AS	3	
SHERMAN MARILYN	151 YU	UC	1	
SHERMAN WILLIAM E	1028 SW 4TH	LW	1	8279
SHERRON GENE TERRY	454 MU BX 2187	UC	2	
SHERWOOD JOHN P	KIRKWOOD	JM	3	
SHIELDS DOROTHY JANE	132 NW 15TH TERR	UC	2	
SHIELDS GEORGE M JR	PIKP HSE	UC	2	
SHIELDS HERMAN GORDON	101 NW 7TH TER	UC	1	6207
SHIELDS LEROY	406 MU GEN DEL U STA	UC	2	
SHIELDS THEODORE P	6 NW 7TH AVE	AG	4	
SHILES WILLIAM SAXON	1030 WE	UC	1	
SHIMEL BERL JEAN	12 NW 8TH ST	GR	5	
SHINN CAROLYN S	150 YU	UC	1	
SHINN CHARLES M JR	105 TH BX 2862	AG	4	
SHIPLETT RICHARD W	2 AVE PKT HSE	UC	1	
SHIPLEY BARBARA ANNE	107 YU	UC	1	
SHIPMAN CLARA HELEN	103 SW 7TH ST	UC	2	8015
SHIPMAN SELENE DAY	103 SW 7TH ST	UC	2	8015
SHIRLEY CLAUDE L JR	103 BU GEN DEL	UC	2	

SHIRLEY WM BURKS	104 NW 14TH ST	EG	4	
SHIVER HUGH EDWARD	445 MU GEN DEL U STA	UC	2	
SHIVER MARY LILLOISE	7 MICHAEL	GR	5	
SHLAFROCK RITA	21 GR	AS	3	
SHOCKLEY NAOMI A	32 MA	UC	1	
SHOEMAKER ALONZO JR	1315 NW 2ND AVE	UC	2	
SHOEMAKER DUANE F	1103 SW 6TH AVE	PH	3	
SHOEMAKER JOSEPH H	1041 NE 11TH AVE	UC	2	8370
SHOFNER JAMES MARTIN	SPE HSE	PH	3	
SHONBRUN HELENE FAYE	72 MA	UC	2	
SHOPE JOHNNY ROBERT	697 TO	UC	1	
SHORSTEIN JACK F	TEP HSE	BA	3	8863
SHOUP JOHN THOMAS JR	370 MU DTD HSE	AR	4	
SHOUSE JIMMY DOUGLAS	362 MU GEN DEL	UC	2	
SHRECKENGOST RAYMOND	113 FLAVET 2	AS	3	
SHREVE DAVID L JR	234T FLAVET 3	UC	2	
SHREVE R JACK	643 TO	UC	1	
SHROVE RICHARD RAY	438 MU LCA HSE	UC	2	
SHUFORD PHILLIP C	COMMUTES HASTINGS	GR	5	
SHULER AUDIE IRWIN	COMMUTES MCCLENNY	UC	2	
SHULER ELNA RUTH	COMMUTES	ED	4	
SHULER SHIRLEY HOGAN	COMMUTES MC CLENNY	UC	1	
SHULTZ ORLO M JR	1903 S 13TH ST	UC	2	
SHULTZ WM EUGENE	678 TO	UC	1	
SHUMAKER JOAN ROBERTA	AOPI HSE	AR	3	6563
SHUMSKY WM ALEXANDER	4 DORM K GEN DEL U SUC	UC	1	
SHUTE ROBERT STUART	360 MU GEN DEL U STA	UC	2	
SIAS FREDERICK R JR	237 FR GEN DEL U STA	UC	2	
SIBBET MARTIN MELLOR	109 FLAVET 2	GR	5	
SIBERTSON MARSHALL H	1A DORM M	UC	1	
SIBERTSON PATRICIA A	94 GR GEN DEL U STA	UC	2	
SIBOL JEROME LEONARD	DC HSE	EG	4	
SIDERIS JAMES JOHN	SD GEN DEL U STA	UC	2	
SIEFFERMAN RICHARD L	4 DORM R PKT HSE	UC	1	
SIEFKER PAUL EDMUND	8 DORM K GEN DEL U SUC	UC	1	
SIEGEL EDWARD	383 MU PILP HSE	AS	3	9843
SIEGEL HARRIET RITA	255 RI	UC	2	
SIEGEL ROBERT	TEP HSE	UC	2	8863
SIEGLER CAROL	14 MA	UC	1	
SIERRA JOSE RAMON	45 BU BX 2223	BA	4	
SIETZ ARNOLD JULIUS	TEP HSE	EG	4	8863
SIFLINGER SEYMOUR	929 SO	UC	1	
SIKES BOBBY S	GR 135	UC	2	
SIKES DANIEL DAVID	465 MU DORM J	UC	2	
SIKES HERSHEL M	1215 NW 4TH PL	AS	3	
SIKES JAMES PATRICK	339 MU GEN DEL U STA	UC	2	
SIKES JAMES WESLEY	SAE HSE	BA	4	
SIKES LEON ROSWELL	1204 NW 3RD SAE HSE	AR	4	
SILAS ROBERT SIDNEY	19 BU GEN DEL U STA	AS	4	
SILBEREISEN JOAN L	708 NW 10TH AVE	UC	2	3930
SILBERMAN SONDRA H	264 RI	UC	2	
SILBERNAGEL RICHARD	W11 DORM A BXX3029	UC	2	
SILBERT ALAN SAMUEL	AEPI HSE BX 2665	UC	2	5889
SILER ELIZA ANN	26 MA	UC	1	
SILLS NESBIT B	735 TO	UC	1	
SILSBY MARTHA ELLEN	DG HSE	GR	5	8780
SILVER DAVID MORRIS	618 SW 10TH ST	PH	4	4935
SILVERMAN BENEDICT A	1105 W UNIV	LW	1	8863
SILVERMAN BERNARD	745 TO	UC	1	
SILVERMAN PRESTON Z	PILP HSE	BA	4	9843
SILVERSTEIN DAVID	TEP HSE	UC	2	8863
SILVERSTEIN HOWARD L	1025 WE	UC	1	
SIMMONS DONALD JOSEPH	325 FR GEN DEL U STA	BA	4	
SIMMONS FRED HARDEE	215R FLAVET 3	GR	5	
SIMMONS GRANT	221 NW 16TH AVE	ED	4	8895
SIMMONS GUY ALTON	AGR HSE	UC	2	7053
SIMMONS JANE DAVIS	1023 S W 1ST AVE	LW	1	8230
SIMMONS PATRICIA ANN	59 GR	BA	3	
SIMMONS RICHARD GLENN	CP HSE	GR	5	8783
SIMMONS WM HENRY	COMMUTES ARCHER	GR	5	2651
SIMMS BRITTAIN A	PDT HSE	UC	2	
SIMMS CHARLES BUTLER	134 FLAVET 2	UC	2	
SIMONDS JOHN DAY	1319 NW 7TH AVE	GR	5	
SIMONS JERALD PHILIP	131 FLAVET 2	EG	4	
SIMONS RICHARD H	633 TO	UC	1	

SIMONSEN RICHARD C	464 MU GEN DEL	UC	1	
SIMPSON DORIS ANNETTE	COMMUTES STARKE	GR	5	
SIMPSON FREDERICK J	SN HSE	BA	4	7353
SIMPSON JACK	896 SO	UC	1	
SIMPSON MARY LOUISE	20 GR	AS	4	
SIMPSON MARY MARTHA	87 MA	UC	1	
SIMPSON NAOMI	1314 NW 6TH PL	UC	2	
SIMPSON RAYMOND LEE	MU	FY	3	
SIMPSON RAYMOND R JR	51 MU	UC	1	
SIMPSON REBECCA J	COMMUTES STARKE	GR	5	
SIMPSON RICHARD I	115 NW 10TH ST	JM	3	
SIMPSON RUTH WINIFRID	423 SW 13TH ST	GR	5	7798
SIMS ALBERT THOMAS	224U FLAVET 3	LW	2	
SIMS DAVIE ELDER	1002 UNIV AVE	UC	1	
SIMS GEORGE L JR	376 MU 1219 W UNIV	UC	2	
SIMS HOWARD WILSON	774 NO	UC	1	
SIMS JAMES RALPH	113 NE 8TH ST	GR	5	
SIMS JUNE	STENGEL FIELD	AG	3	
SIMS LEON ACY	116 NW 16TH ST	AG	3	6868
SIMS WILLIAM GENE	12 DORM R	UC	1	
SIMS WYTHE DAVIS II	1424 NW 6TH PL	AR	4	5865
SINCIC EDWARD BERNERD	218A FLAVET 3	UC	2	
SINCLAIR LIBERT	230A FLAVET 3	AG	4	
SINCLAIR ROBT WALLACE	511 N W 3RD AVE	UC	2	
SINCORE HORACE J	31 BU DTD HSE	BA	4	8083
SINCORE ROY SAM	GEN DEL U STA	UC	1	
SINDER NED FREDERICK	PILP HSE	AS	3	
SINEGAL ANTOINETTE	65 GR	UC	2	
SINGLETARY R M	GAINESVILLE COURT	AG	3	
SINGLETARY WM CLYDE	741 SW 2ND AVE	UC	1	
SINISGALLI ANTHDNY P	GEN DEL U STA	GR	5	
SINKS JIMMY MILLS	MU 424 GEN DEL U STA	UC	2	
SIPE PATRICIA C	76 MA	UC	1	
SIPRELLE WM DALE	267 FR GEN DEL	UC	2	
SIRIANNI ARNO JOSEPH	262 FR GEN DEL U STA	AG	3	
SISTRUNK EFFIE LEE	COMMUTES WHITE SPGS	GR	5	
SISTRUNK GEORGE W	1 BU BX 3033	BA	4	
SISTRUNK LOUIE WILSON	720 NW 20TH AVE	BA	3	3917
SIVIA FRED CURTIS JR	524 NE 8TH AVE	UC	2	6078
SJODAHL NILS GUSTAV	14A BU GEN DEL U STA	UC	2	
SKEEN OLIVER E	GEN DEL U STA	UC	1	
SKELTON BENSDN L JR	1630 2ND AVE NW KA HU	C	2	
SKELTON RONALD W	1024 WE	UC	1	
SKENE JAMES VAUGHN	9A BU	AR	4	
SKINNER HOWARD ODELL	COMMUTES ARCHER	UC	1	2371
SKINNER JORDAN CLAUDE		UC	2	
SKINNER LAURA LOUISE	ZTA HSE	ED	4	
SKIPPER CLARICE V	227 RI	UC	2	
SKIPPER FRANCIS HENRY	218 NW 3RD AVE	GR	5	3993
SKIPPER JOHN LLDYD	915 SO	UC	1	
SKIPPER SAMUEL DONALD	752 NO	UC	1	
SKIRVIN JAMES FRANCIS	COMMUTES ALACHUA	UC	1	
SKUFCA DOROTHY ANN	120 NW 15TH TERR	BA	3	7633
SLADON RONALD BARNETT	411 MU BX 2509	LW	1	
SLAFF NORMAN IRWIN	103 NW 10TH ST BX	PH	4	
SLAGLE MARY LOUISE	600 NE 9TH AVE	AS	4	6183
SLAPPEY JEWELL B	COMMUTES JAX	GR	5	
SLATER DOROTHEA Y	1120 SW 1ST AVE	GR	5	
SLATER MARGARET ELIZ	COMMUTES HIGH SPRINGE	D	6	
SLATER RICHARD A	1A DORM R GEN DEL U	UC	1	
SLATER RICHARD H	1120 SW 1ST AVE	AR	4	
SLATER SOLON	22 DORM M	UC	1	
SLATER WM HENRY JR	44 BU BX 2793	UC	2	
SLATON NANCY C	314 SW 2ND ST	UC	1	7293
SLAUGHTER CHARLES K	PIKP HSE	UC	2	
SLENKER DAVID JAY	137 SD BX 2393	BA	3	
SLICKER JAMES RALPH	1432 W UNIV	UC	2	
SLIKER GLENN ALFRED	210U FLAVET 3	AS	3	
SLOAN ALICE JULIA	230 RI	UC	2	
SLOAN ELWYN RICHARD	PIKA HSE	UC	2	
SLOAN EVERETT M	741 SW 2ND AVE	GR	5	
SLOAN WM COOPER	GEN DEL U STA	AS	3	
SLOMOWITZ ROBERT A	86A TH GEN DEL U STA	UC	2	
SMALL DAVID	63 TH BX 2475	AS	3	
SMART DONALD THOMAS	162 SD GEN DEL U STA	AR	4	

SMATHERS BENJ F	SAE HSE	LW	3		
SMILEY RICHARD M	BX 2061	AS	4		
SMITH ANN DURNING	28 GR	UC	2		
SMITH ARTHUR HAROLD	817 W UNIV	EG	4	7731	
SMITH ARTHUR MUNSON	719 TO	UC	1		
SMITH ATHOL MCDONALD	420 MU DTD HSE	LW	1		
SMITH AYLEEN H	COMMUTES MELROSE	GR	5		
SMITH BROADUS FRED	12 DORM M	UC	1		
SMITH BYRON NORMAN	403 MU BX 2665	AS	3		
SMITH CAROL B	72 MA	UC	1		
SMITH CARRABELLE C	COMMUTES OTTER CREEK	ED	4		
SMITH CATHERINE ELIZ	65 MA	UC	1		
SMITH CECIL RALPH JR	2608 NW 8TH ST BX 51	UC	2	8882	
SMITH CHARLES EDWARD	MU GFN DEL UNIV S	UC	2		
SMITH CHARLES R	407 SW 13TH ST AGR H	UC	2		
SMITH CHARLES WILLARD	9 DORM S	UC	1		
SMITH CHARLIE C JR	326 SW 12TH ST	LW	2	8348	
SMITH CLYDE EDWARD	SPE HSE	EG	3	5903	
SMITH DAN	8 SW 10TH ST	UC	2		
SMITH DAN RICHARD		UC	2		
SMITH DAVID BRADLEY	RFD 3 BX 2658	AG	3		
SMITH DAVID EDWARDS	85 W 10TH ST	BA	3		
SMITH DENNIS EARL	890 SO	UC	1		
SMITH DILLON F JR	267 FR BX 2163	UC	2		
SMITH DONALD	LCA HSE	BA	4	8663	
SMITH DONALD READE	908 SO	UC	1		
SMITH DONALD VINCENT	682 TO	UC	1		
SMITH EARLE JOHN	208 SE 10TH ST	UC	2		
SMITH EDNA LOUISE	1428S UNIV	ED	3		
SMITH EDWARD JOSEPH	393 MU GEN DEL U STA	UC	2		
SMITH ELIZABETH L	1117 SW 4TH AVE	UC	2	8240	
SMITH EUGENE BOYD	708 TO	UC	1		
SMITH FARREN H JR	GA SEAGLE	UC	2		
SMITH FERN CLAIRE	103 NW 10TH ST	PE	3		
SMITH FRANK EDGAR	760 NORTH BX 2611	AS	3		
SMITH FRANK HUGHES	SC HSE	EG	4		
SMITH GEORGE ROGERS	306A NW 16TH ST	UC	2		
SMITH GEORGE W	SPE HSE	UC	2	5903	
SMITH GILBERT A	172 FLAVET 2 BX 2239	LW	2		
SMITH GRADY ARTHUR JR	CLO HSE BX 3008	AG	3		
SMITH GRAHAM SIDNEY	HAWTHORNE RD	UC	2		
SMITH HARDLD LOYD	443 MU BX 2076	AG	3		
SMITH HENRY FORREST	1002 W UNIV	GR	5	8913	
SMITH HOWARD ALLEN	BX 516 2608 NW 8TH S	UC	2	8882	
SMITH HUBERT DEANE	KS HSE	AR	4		
SMITH HURTIS	81 TH GEN DEL U STA	UC	2		
SMITH IRVIN COLE	1414 NW 2ND AVE	BA	3		
SMITH IVAN JUAN	PDT HSE	UC	2		
SMITH JACK HAMLIN	1205 NW 31ST AVE	GR	5	8773	
SMITH JACK WARREN	767 NO	UC	1		
SMITH JACKSON LYNN	N W 21ST TER	UC	2		
SMITH JAMES CARROLL	COMMUTES LAKE BUTLER	GR	5		
SMITH JAMES CARSON	472 MU GEN DEL UNIV	UC	2		
SMITH JAMES GORDON	437 MU GEN DEL UNIV	UC	2		
SMITH JAMES HOWARD JR	2008 N W 3RD AVE	AS	4	4842	
SMITH JAMES HUNN	BX 2452	GR	5		
SMITH JAMES LUTHER	1417 NW 3RD AVE	GR	5		
SMITH JAMES M JR	8 DORM S GEN DEL U S	UC	2		
SMITH JOHN RUSSELL	2 DORM K GEN DEL U S	UC	1		
SMITH JOHNNY B	298 FR BX 3105	EG	4		
SMITH KLIP ASTOR	KC HSE	UC	2		
SMITH LAURA N	COMMUTES	GR	5		
SMITH LEONORA A	COMMUTES HILLIARD	GR	5		
SMITH LEY HOLLY	220U FLAVET 3	UC	2		
SMITH LINDNER JR	1521 NW 5TH AVE	LW	3		
SMITH LOUIS BRYAN	78 TH 2226 U STA	UC	2		
SMITH LOUIS ELIAS	GEN DEL U STA	UC	1		
SMITH M RODNEY	630 NE 9TH ST	UC	2		
SMITH MARTIN H JR	716 NW 32ND AVE	GR	5	6988	
SMITH MIRIAM JEAN	COMMUTES JAX	GR	5		
SMITH MORGAN LEE JR	COMMUTES NEWBERRY	AG	3		
SMITH MORTON ALLEN	4 DORM B TEP HSE	UC	2		
SMITH OLIVE JONES	COMMUTES OCALA	GR	5		
SMITH PAUL BYRON	5 BU PIKA HSE	UC	2		
SMITH RALPH KEELY JR	354 MU ATO HSE	UC	2		

SMITH RICHARD LEO	CRANE HALL	BA	4	6043
SMITH ROBERT CARLTON	309 SE 7TH ST	UC	2	
SMITH ROBERT SUMNER	24G FLAVET 1	GR	5	
SMITH ROBERTS C JR	COMMUTES MICANOPY	GR	5	
SMITH ROY FRANKLIN	PKT HSE	BA	3	8623
SMITH RUBY I	COMMUTES	GR	5	
SMITH RUTH IRENE	COMMUTES CROSS CITY	ED	3	
SMITH SALLY PARSONS	97 GR	AS	3	
SMITH SAMUEL	TEP HSE	UC	2	8863
SMITH THEODORE A JR	1666 W UNIV	GR	5	
SMITH VIRGIL THEO JR	762 NO	UC	1	
SMITH VIVIAN M JR	DTD HSE	LW	3	8083
SMITH WALLACE C	771 NO	UC	1	
SMITH WM ALFRED	265 FR BX 2163	UC	2	
SMITH WM BURFORD	22 UNIV MANOR	GR	5	
SMITH WILLIAM C	ATO HSE	AS	4	4463
SMITH WM CARLTON	8A DORM K BX 2589	UC	1	
SMITH WM CONSTANT	1320 NW 2ND AVE	BA	3	9246
SMITH WILLIAM JACOB	WE REC RM	UC	1	
SMITH WM JAMES	48A BU CRANE HALL	EG	4	
SMITH WILSON	221 SW 13TH ST	LW	2	
SMITHERS RAY CLIFFORD	KA HSE	AR	4	
SMITHGALL JAMES J	385 MU GEN DEL U STA	UC	2	
SMYSOR ELAINE DOLORES	1702 W UNIV	UC	2	3012
SNAIDMAN WILLARD C	BX 2815	FY	3	
SNEAD GRACE ARRINGTON	1111 NW 1ST PL	GR	5	
SNEAD WM FELTON JR	AGR HSE	UC	2	7053
SNEDEKER FARAN FRANK	14 DORM R	UC	1	
SNEED JOHN NEWTON	GEN DEL U STA	UC	2	
SNELL GEORGE F	669 TO	UC	1	
SNELL WALTER WHITE	83A TH GEN DEL U STA	UC	2	
SNELL WILLIAM ALBERT	433 MU GEN DEL U STA	EG	4	
SNELLING ALLEN K	103 NW 14TH ST	AR	3	341
SNELLING GEO ARTHUR	514 MU GEN DEL U STA	BA	3	
SNELLING JOHN PHILIP	1504 W UNIV	GR	5	
SNELLING RICHARD K	1015 WE	UC	1	
SNIDER LLOYD T JR	125 NW 10TH ST	EG	4	
SNOBLIN KENNETH A	230C FLAVET 3	ED	4	
SNOW ELLA MAE	COMMUTES BROOKSVILLE	ED	3	
SNOW JACKIE BALLARD	97B TH GEN DEL U STA	EG	4	
SNYDER BETTY JANETTE	216 RI	UC	1	
SNYDER JOSEPH F	12 DORM O GEN DEL	UC	2	
SNYDER LARRY JOSEPH	SC HSE	BA	4	
SNYDER MAXWELL COOK	PKA HSE	UC	2	
SNYDER MONROE BENJ	29A BU GEN DEL	UC	2	
SNYDER NORMAN FRANK	216R FLAVET 3	AS	3	
SNYDER STEPHEN D	308 FR GEN DEL U STA	UC	2	
SNYDER THOMAS GUY	PDT HS	UC	1	
SNYDER WILLIAM EARL	256C FLAVET 3	GR	5	
SOFGE ROBERT PAUL	GEN DEL U STA DORM	EG	3	
SOHN GERALD	PILP HSE	AS	3	
SOHNGEN SCHULER W JR	223 FR BX 2743	AS	4	
SOIFER FRED KENNETH	13 DORM A GEN DEL	UC	2	
SOLANA HARRISON M	16 DORM B GEN DEL U	AG	4	
SOLDWEDEL EUGENE L	DTD HSE	UC	2	8083
SOLOMON NORMAN FRANK	307 SE 2ND ST	LW	1	
SOLORZANO CARLOS F	394 MU BX 3099	UC	2	
SOMERS HERMON LEE	RT 3 BX 139A	AG	3	2663
SOMMERS MARIANNE	29 MA BX 29 MA	UC	1	
SOMMESE JOSEPH LEROY	85W FLAVET 1	UC	2	9131
SONDLES HAROLD WM	LINGER LONGER TR PK	EG	4	6817
SONG HYO SUK	1530 NW 4TH AVE	ED	3	4715
SOOWAL PHYLLIS L	30 MA	UC	1	
SORBER ROBERT R	1122 NW 6TH ST	GR	5	
SORENSEN CHRISTIAN S	406 NE 6TH ST	FY	4	
SORENSEN RAYMOND S	329 NW 16TH ST	GR	5	
SORENSON HANS ADOLF	933 SO	UC	1	
SORIANO THOMAS JAMES	836 SO	UC	2	
SORRELLS HOWARD E	1420 W UNIV	BA	4	5152
SORTIS CONSTANTINE G	1544 N W 3RD PL	UC	2	
SOSIN FRANK HENRY	CRANE HALL RM 6	UC	2	
SOSIN JOHN	12 GR	UC	1	
SOUD GILBERT	1728 NW 1ST AVE	UC	2	
SOUTAR JACK HALDANE	1009 WEAVER HALL	UC	2	
SOUTHALL CAREY T JR	1302 NW 12TH ST	GR	5	6189

SOUTHALL EVELYN J	140 RI	UC	2	7266
SOUTHARD BARBARA M	1112 SW 1ST AVE	GR	5	3174
SOUTHERLAND BENAJAH	21 DORM O GEN DEL U	UC	1	
SOWERBY GEO FRANK	BX 2268	UC	2	
SPANGENBERG THEODORE	82A TH BX 2823	EG	4	
SPARKMAN CAROLYN T	1238 SW 2ND AVE	UC	2	8933
SPARKMAN EMORY K	TC HSE	UC	2	8418
SPARKS JESSE FORNEY	323 NW 12TH ST	UC	1	6983
SPECTOR SANDRA	234 RI	UC	2	
SPEER PAUL RAYMOND	1420 W UNIV	UC	2	
SPEIR DAVID ALEX JR	COMMUTES JAX	GR	5	
SPEIR DONALD JOHN	11 DORM S GEN DEL U	UC	1	
SPELL JAMES DALTON JR	313 NE 2ND AVE	UC	2	
SPELLMAN EUGENE PAUL	SN HSE	UC	2	7353
SPENCE JOHN DWIGHT	44 MU GEN DEL U STA	UC	2	
SPENCE ROLLINS SHULTZ	305 FR GEN DEL U STA	UC	2	
SPENCE WALTER FRANCIS	798 TH GEN DEL U STA	UC	1	
SPENCER ARTHUR P JR	269 FR GEN DEL UNIV	AS	6	
SPENCER BARNARD III	RT 2 BX 61B	UC	1	5859
SPENCER ESTHER ANN	PM HSE	UC	2	9510
SPENCER GROVER ELMER	COMMUTES OCALA	UC	1	
SPENCER HAROLD GARTH	96A TH GEN DEL U STA	ED	3	
SPENCER JAMES ELLIOT	PGD BX 2725	UC	2	
SPENCER MILDRED R	192 RI	UC	2	
SPERLING LESLIE H	750 NO	UC	1	
SPERRY EDWARD ROBERT	966 WE	UC	1	
SPEVAK SHELDON	383 MU PILP HSE	EG	3	9843
SPICOLA JOSEPH G JR	ATO HSE	UC	2	
SPICOLA ROSE FRANCES	COMMUTES TAMPA	ED	6	
SPIEGELMAN ROBERT	388 MU PILP HSE	UC	2	
SPIKES JAMES WALTER	238S FLAVET 3	BA	3	
SPILLIS PETE	946 WE	UC	1	
SPITZ HUGO MAX	336 MU BX 2656	LW	3	
SPIWAK RUTH D	COMMUTES JAX	GR	5	
SPOLTER GERALD JACOB	177 SD GEN DEL U STA	EG	4	
SPONHOLTZ LESTER M	COMMUTES DINSMORE	GR	5	
SPOONER CHARLES M JR	6B FLAVET 1	EG	3	
SPOONER JASPER E	51 TH BX 2834	BA	3	
SPOONER REBECCA KING	COMMUTES FERNANDINA	GR	5	
SPOTO ANGELO PETER	904 SO	UC	1	
SPOTO NORMA JEAN	31 MA	UC	1	
SPRAFKIN IRIS BARBARA	101 YU	UC	1	
SPRANG LESTER CLAIR	REISEN TR PARK	GR	5	
SPRING MERTON ALMER	619 SW 10TH ST	UC	2	
SPRINGFELS CARL LENZ	248A FLAVET 3	UC	2	
SPRINGSTEAD ELIZABETH	112 NW 19TH ST	UC	1	8982
SPRINKLE H D	550 NE 6TH AVE	GR	5	3208
SPROUSE EUGENE W	1613 W UNIV	UC	2	
SPURLOCK HOOPER C	1820 NW 1ST AVE	GR	5	
SPURLOCK JACK MARION	10 BU CP HSE	UC	2	
SPURRIER WM HARRY	135 SD GEN DEL U STA	UC	2	
SQUIRES SIDNEY JAY	242S FLAVET 3	ED	4	
SQUIRES WALTER GEO JR	COMMUTES OCALA	AS	4	
STACKLIN STEPHEN J	RT 3 BX 287B	UC	1	
STAFFORD JOHN MORGAN	163A SD GEN DEL U STU	UC	2	
STAFFORD JOS JASON JR	1126 SW 6TH AVE	PH	4	
STAFFORD JOSEPH L	GEN DEL U STA	FY	3	
STAFFORD MARGARET M	COMMUTES COLEMAN	GR	5	
STAFFORD ROBERT L	263 FR PIKP HSE	UC	2	
STAGNARO LEOPOLDO A	87 TH BX 2624	UC	2	
STAHL ARNOLD AARON	931 TO	UC	1	
STAHL BERT GRADY	319 FR BX 2569	UC	2	
STAIRLEY MARY ANN	268 RI	UC	2	
STALKER WM LEON	BX 2717	UC	2	8623
STALLINGS MARION E	386 MU GEN DEL U STA	ED	3	
STALLINGS RICHARD N	KA HSE	UC	2	888
STALLS JUNE ADREANE	67 GR	UC	2	
STALLS PEGGY ANNE	164 YU	UC	1	
STALLWORTH HERBERT F	221D FLAVET 3	GR	5	
STALLWORTH J C JR	605 SE 2ND PL	UC	2	
STALLWORTH MELBA Y	221D FLAVET 3	UC	2	
STALVEY F D ROOSEVELT	13 DORM L GEN DEL U	UC	1	
STAM LOUIS KENT JR	1714 NW 3RD PL	UC	2	4926
STAMATHIS NICK E	52 TH BX 2298	LW	1	
STAMBAUGH JAMES P	ATO HSE	ED	4	

STAMBAUGH REGINALD J	SAE HSE 1236 W COURTAS	3		
STANDER RONALD	51 TH GEN DEL U STA	UC	2	
STANDISH PHYLLIS E	COMMUTES CROSS CITY	GR	5	
STANFIELD LAUREL E	208 FR BX 2265	BA	4	
STANFORD ANNA G	204 RI	UC	1	
STANFORD DAVID JAMES	1402 W UNIV	UC	2	
STANFORD JOHN WM	SN HSE	AS	4	7353
STANHOPE NINA L	244 RI	UC	2	
STANLEY EDWARD ELMER	14B BU BX 2288	UC	2	
STANLEY EDWARD MARION	10B TH GEN DEL U STA	UC	2	
STANLEY ERNEST	BALTIMORE DR	UC	2	
STANLEY ORA PATRICIA	235 NW 1ST AVE	AG	4	7193
STANLEY WINFRED KENT	LAKE RD TR PARK	AS	3	
STANSBURY ORAN L	RT 4 BX 185	BA	4	3330
STANSELL WALTER JOE	1110 W UNIV AVE	BA	4	
STANSKY FRANCES R	GR GEN DEL	GR	5	
STANTON FRED RANDOLPH	233A FLAVET 3	LW	3	
STANTON JOHN THOMAS	1713 NW 1ST AVE	UC	2	3012
STAPLES BENITA G M	RT 1 BX 126B	UC	1	
STAPLETON WILMA G	422 SW 1ST AVE	UC	1	
STAPP RUBY MAE	COMMUTES OXFORD	ED	3	
STARKIE JAMES M	75B NO	UC	1	
STARKS ROY CHAMPNEY	RT 3 BX 283G	GR	5	
STARLING ALVIN J	450 MU ATO HSE	UC	2	
STARLING JOHN M	12 NW 8TH ST	UC	2	6758
STARLING WARREN H	526 NE 6TH ST	UC	2	
STARNES CHARLES W	DTD HSE	UC	2	
STARNES EARL MAXWELL	200S FLAVET 3	AR	4	
STARNES PATRICIA J	AOPI HSE	UC	2	
STARNES WALTER EDWIN	419 NW 2ND AVE	EG	3	
STASCH ANN RITA	1516 NW 1ST PL	GR	5	
STASIELOWSKI WALLACE	SPE HSE	FY	4	
STATHIS ELIZABETH	98 YU	UC	1	
STATHIS WILLIAM	113 NW 17TH ST	UC	1	
STATON JACK STANLEY	UNIV LODGE	UC	2	
ST CLAIR JAMES HONOUR	291 FR GEN DEL U STA	UC	2	
STEADMAN GORDON WM	COMMUTES JAX	GR	5	
STEBBINS RICHARD G	392 MU BTPI HSE	UC	2	
STEDMAN RALPH S JR	TC HSE	EG	4	
STEELE GEORGE E JR	509 NW 10TH AVE	GR	5	7730
STEELE THOMAS ALLEN	101 NE 7TH ST	GR	5	4450
STEELE WALTER LONG	1740 NW 1ST AVE	UC	2	
STEELE WILLIAM H III	231S FLAVET 3	AG	4	
STEELE WYCLIFFE E JR	1125 SW 4TH AVE	UC	2	
STEEN WILLIAM HOWELL	450 MU GEN DEL U STA	BA	3	
STEIGER BURTON IRA	AEPI HSE	EG	4	5889
STEIGER MARTIN G	1A DORM M	UC	1	
STEIN FRITZ CARL	62A TH BX 2833	UC	2	
STEIN RICHARD GEORGE	10 DORM O GEN DEL U	UC	2	
STEIN STANLEY W	COMMUTES JAX	GR	5	
STEINBERG ROY MARK	304 NW 16TH ST	AS	3	
STEIR BRUCE SAUL	1105 UNIV AVE BX 551	UC	2	8863
STEIS WM BURTON	1635 NW 7TH PL	GR	5	8206
STELLA ANTHONY JR	1017 NE 3RD AVE	UC	2	3841
STELOGEANNIS MARY A	253 RI	UC	2	
STEM THOMAS RICHARD	136 N DESOTO	BA	4	
STEMM JOHN DUDLEY	509 MU GEN DEL U ST	BA	4	
STENDER ROBERT LOUIS	PKT HSE	UC	2	
STENGEL HENRIETTA E	230 REID HALL	UC	2	
STENHOLM JAMES T	1 DORM A GEN DEL U	AG	3	
STEPHENS COURTNEY P	647 TO	UC	1	
STEPHENS DOROTHY E	169 YU	UC	1	
STEPHENS FOY WOODROW	234R FLAVET 3	GR	5	
STEPHENS GERTRUDE H		GR	5	
STEPHENS ROBERT L	212B FLAVET 3	GR	5	
STEPHENS SUSAN J	COMMUTES BRONSON	ED	3	
STEPHENSON ALFRED L	825 NO	UC	1	
STEPP VERNON L	131 CEDAR ST	UC	2	
STEPTOE BILLY ELTON	1014 SW 3RD ST	UC	2	4987
STERN EDWARD ARTHUR	PILP HSE	AS	3	9843
STEVENS ALBERT CLAY	352 MU BX 2288	UC	2	
STEVENS AUDREY ANN	ACO HSE	PE	3	8733
STEVENS BENJAMIN L	116 NW 16TH ST	BA	3	6668
STEVENS CLARENCE J	207D FLAVET 3	ED	4	
STEVENS KENT STUART	491 MU PDT HSE	UC	2	

STEVENS RALPH EDWIN	KS HSE	UC	2	
STEVENS ROBERT WM	819 NE 8TH AVE	UC	1	
STEVENS SAMUEL H JR	205B FLAVET 3	AR	4	
STEVENSON ANDREW E	B DORM K GEN DEL	UC	1	
STEVENSON JAMES BEATY	753 NO	UC	1	
STEVERSON JAMES R	2 DORM N GEN DEL U	SUC	2	
STEWARD GLENN EDWARD	5 DORM M GEN DEL U	SUC	1	
STEWARD JERRY B	KS HSE	UC	2	
STEWART ANNIE F	404 SE 2ND ST	UC	1	8280
STEWART BARBARA HOME	COMMUTES NEWBERRY	AS	3	2341
STEWART CHARLES D SR	90X FLAVET 1	LW	2	
STEWART CYRUS QUERY	BX 2128	GR	5	
STEWART EDWIN PAUL	919A SW 5TH AVE	LW	1	5930
STEWART GAIL GROSE	COMMUTES BUNNELL	GR	5	
STEW1RT IDA MCMULLEN	COMMUTES BRADENTON	GR	5	
STEWART JAMES R	824 E UNIV	UC	2	
STEWART JENNIE R M	COMMUTES WILDWOOD	GR	5	
STEWART KENNETH D	502 MU GEN DEL U STA	UC	2	
STEWART LUCILE C	919A SW 5TH AVE	AS	6	5930
STEWART PHILIP JOHN	207 SD GEN DEL U STA	UC	2	
STEWART THOMAS F	14 DORM C GEN DEL U	UC	2	
STEWART THOMAS G	1624 NW 2ND AVE	AS	4	
STEWART TOM GORDON	297 FR BX 2364	BA	4	
STEWART VIRGLE S	GEN DEL U STA	UC	1	
STEWART WILLIAM B	314 SW 1ST AVE	UC	2	
STEWART WILLIAM JOEL	GA SFAGLE	UC	2	
STICKNEY THOMAS JAMES	232T FLAVET 3	LW	1	
STIDHAM WOFFORD H	ATO HSE	BA	3	
STIEFEL CLARENCE E	140 S 8TH ST	UC	2	
STIERER RICHARD T	5A BU BX 2279	LW	2	
STILLMAN BEVERLY HOPE	1104 SW 1ST AVE	UC	2	9540
STOCKFORD CHARLES J	12 DORM S GEN DEL	UC	1	
STOCKSTILL ROY E	1729 NW 2ND AVE	UC	2	6569
STOKES BETTY LEAH	171 YU	UC	1	
STOKES DONALD EUGENE	921 SO	UC	1	
STOKES ELAM GARY	515 MU KA HSE	UC	2	
STOKES HERBERT A JR	100B TH GEN DEL U	STUC	2	
STOKES JACK DUNWOODY	CLO HSE GEN DEL U	STUC	1	
STOKES MARVIN PIERCE	304 NE 9TH ST	ED	4	8392
STOKES MORAG MCCALL	COMMUTES JAXVILLE	ED	6	
STOKES THOMAS HENRY	618 NE 1ST ST	LW	1	
STOKES WM WOOD	624 TO	UC	1	
STOLLER SEYMOUR	879 SO	UC	1	
STOLZ EARL BISBEY	216T FLAVET 3	BA	4	
STONAKER CHARLES M	710 TO	UC	1	
STONE ALBERT EARL	919 NW 8TH PL	UC	2	
STONE HAROLD KEITH		GR	5	
STONE THEODORE E JR	TC HSE	UC	2	
STONE THOMAS D JR	1012 WE	UC	1	
STONE TOM RUSSELL JR	SPE HSE	UC	2	
STONE WILBUR C	97 TH GEN DEL U STA	UC	2	
STOOPS JOAN CLARISE	17 MICHAEL	UC	2	
STORCH ALLEN MERLE	17 DORM A GEN DEL	UC	1	
STORM CLIFF IRWIN	PILP HSE	UC	2	
STORMES MARSHALL A	SN HSE	BA	4	7353
STORRS SIBYLL VIOLET	1824 NW 1ST AVE	GR	5	
STORY W OLAN	244B FLAVET 3	UC	2	
STOTESBURY WALTER B	1021 NE 3RD ST	UC	2	5506
STOUDEMIRE CARL E JR	SN HSE	AS	4	7353
STOVALL EUGENE KENT	76 TH BX 2463	BA	4	9191
STOVALL HAMPTON H JR	CP HSE	BA	4	
STOVALL JOHN WALLACE	313 F O BX 2474	AR	3	
STOVER MAX RAYMOND	510 MU GEN DEL UNIV	PH	4	
STRAIT PATRICIA ANN	1106 SW 4TH AVE	UC	2	8733
STRANGE ROY LYNWOOD	18 NE 8TH AVE	AG	4	
STRATTON RICHARD HEYN	492 MU GEN DEL U STA	PE	3	
STRAUGHN RICHARD B	GEN DEL	UC	1	
STRAUSS NANCY EVELYN	400 NE 10TH ST	GR	5	5626
STRAUSS PAUL SAMUEL	TEP HSE	UC	2	8863
STRAUSS ROBERT E	400 NE 10TH ST	BA	4	5626
STRAWN CHARLENE S	221T FLAVET 3	GR	5	
STRAWN JOHN WILLARD	COMMUTES ORANGE HTS	ED	6	
STRAWN LUCILE MASON	COMMUTES	ED	3	
STRAWN MAX MARSHALL	990 WE	UC	1	
STRAWN ROBERT KIRK	221T FLAVET 3	GR	5	

STRAWN RUSSEL W	1710 NW 2ND AVE	UC	2	
STREET WILLIAM G	1627 NW 7TH AVE	UC	2	
STRICKLAND CHAS A JR	COMMUTES WILDWOOD	GR	5	
STRICKLAND EUGENE C	366 MU GEN DEL U STA	AS	4	
STRICKLAND GLENN L	CP HSE	EG	4	8783
STRICKLAND HENRY S	206 SD GEN DEL U STA	UC	2	
STRICKLAND JAMES E JR	117 NW 15TH ST	UC	1	8753
STRICKLAND JOE R	201 SD GEN DL U STA	UC	2	
STRICKLAND JOHN H	828 NO	UC	1	
STRICKLAND JOSEPH LEE	COMMUTES LAKE CITY	GR	5	
STRICKLAND LEONARD	GEN DEL U STA	56	TH	EG 3
STRICKLAND LUCILLE P	COMMUTES WILDWOOD	GR	5	
STRICKLAND MARTHA SUE	408 NW 2ND AVE	JM	4	9842
STRICKLAND NINA E	408 NW 2ND AVE	UC	2	9842
STRICKLAND RAYMOND N	785 NO	UC	1	
STRICKLAND ROBERT W	276 FR GEN DEL UNIV	EG	4	
STRICKLAND SCOTT	COMMUTES HIGH SPGS	UC	1	
STRICKLAND THOMAS W	HIBISCUS PARK	GR	5	
STRICKLAND WILLIAM A	RT 2 BX 83	ED	3	
STRINGER THOMAS F JR	PKT HSE	AS	4	8623
STRINGER THOMAS M	1329 W 2ND AVE	UC	1	
STRINGFELLOW MARTHA B	1725 NW 3RD PL	GR	5	
STRIPLING WALTER LEE	1320 W UNIV	UC	2	8183
STROBEL FRANCIS A	COMMUTES ORANGE HGTS	UC	2	
STROUD JOHN WILLIAM	28B BU GEN DEL U STA	AG	3	
STRUCK ROBERT WILLIAM	411 MU GEN DEL U STA	BA	3	
STRUSS MACDONELL B	1321 W UNIV	GR	5	
STUART GEORGE S	723 TO	UC	1	
STUART JOHN THOMAS JR	227C FLAVET 3	UC	2	
STUART WM JOSEPH	120 FLAVET 2	UC	2	
STUBBS BETTY SUE	924A S W 5TH AVE	GR	5	5085
STUBBS HARRIET F	119 N W 21ST ST	UC	1	
STUBBS JAMES EMMETT	60A TH GEN DEL U STA	EG	3	
STUBBS MILTON WALTER	924A SW 5TH AVE	UC	2	
STUCKEY ALAN P	76U FLAVET 1	GR	5	
STUCKEY FRANCES C	76U FLAVET 1	GR	5	
STUCKEY JOE BOB	109 N W 15TH ST CLO	UC	2	
STUDSTILL JO ANN	262 RI	UC	2	
STUEBEN EDMUND BRUNO	TV 3 AIRBASE BX 2013	GR	5	
STUMP BERNERD GLOVER	728 TO	UC	1	
STUNKEL HELEN LEA	1117 NW 1ST PL	UC	2	
STURCHIO GENE A JR	COMMUTES TAVARES	GR	5	
STURGIS WALLACE EDWIN	NW 2ND AVE	LW	1	
STURROCK PETER EARLE	427 MU GEN DEL UNIV	AS	4	
STURRUP RALPH FRED	915 SO	UC	1	
STYLES MARVIN LARRY	13D FLAVET 1	GR	5	
SU ER CHING	716 NE 4TH AVE	GR	5	8084
SUAREZ AMALIA ALICIA	30 MA	UC	1	
SUAREZ RAYMOND JOSEPH	1613 NW 5TH AVE	AR	4	
SUAREZ ROBERT LEE	867 SO BX 2466	UC	1	
SUBER GEORGE F JR	19 DORM O GEN DEL U	UC	2	
SUCHMAN CLIFFORD L	PILP HSE	UC	2	
SUGGS KENNETH DAVID		UC	2	
SUGIYAMA CHUICHI	266 FR BX 2902	GR	5	
SUIT ROSS FRISBIE JR	1432 W UNIV AVE	UC	2	
SULLENS JOHN EDWARD	PKT HSE	AR	4	8623
SULLIVAN ARNOLD WAYNE	916 NE 9TH ST	GR	5	4886
SULLIVAN GEORGE LED	CRANF HALL	GR	5	
SULLIVAN HAYWOOD C	MU GFN DEL UNIV S	UC	2	
SULLIVAN JAMES BARKER	256W FLAVET 3	AR	3	
SULLIVAN MARTIN JR	250A FLAVET 3	EG	4	
SUMMERS JEROME IVAN	631 TO	UC	1	
SUMMERS JOHN JOSEPH	854 SO	UC	1	
SUMMERS KATHRYN L	17 MA	UC	2	
SUMMERS MELVIN DALE	1628 NW 3RD PL	GR	5	8073
SUMMERS ROBERT S	1112 SW 1ST AVE	GR	5	
SUMMERS WAYNE N	249R FLAVET 3	ED	3	
SUMNER EDITH A	133 GR	UC	2	9145
SUMNER FRED T	1836 NW 2ND AVE	UC	2	
SUMNER HAROLD BOSS	PKT HSE	UC	2	
SUMNER KENNETH M	493 MU BX 2793	UC	2	
SUMNER RICHARD D	131 NW 9TH ST	UC	2	
SUMRALL JAMES COY	39B BU BX 2385	PH	4	
SUNDERMAN JAMES F	253D FLAVET 3	GR	5	
SUNDHOLM ANNE MINTER	1702 W UNIV	ED	4	3012

SURBER ELSIE LILLIAN	COMMUTES JAX	GR	5	
SURKIN DEBORAH JANET	96 YU	UC	1	
SURRENCY CLIFTON M JR	224 FR KA HSE	EG	3	
SUSKY JOHN EARLE	BX 2527	GR	5	3785
SUTHERLAND DAVID EARL	21 SW 6TH ST	UC	2	
SUTHERLAND WM F	49 TH BX 3108	AS	6	
SUTOR ALAN DALE	1A DORM R	UC	1	
SUTTON CHAS ANDREW JR	141 FLAVET 2	GR	5	
SUTTON GEORGE EDWIN	314 S MAIN ST	GR	5	
SUTTON HENRY DEAS	3 DORM N GEN DEL	UC	2	
SUTTON HOWARD GREY	95 FLAVET 1	UC	2	
SUTTON JAMES MARVIN	2 BU BX 3067	AR	4	
SUTTON JOHN WINFORD	SN HSE	PE	3	
SUTTON MAURICE LEWIS	309 SE 7TH ST	UC	2	
SUTTON STERLING SCOTT	SPE HSE	AS	4	5903
SWAGER THOMAS LEON	14 DORM K BX 3043	UC	1	
SWALLOWS CHAUNCY E	274 FR GEN DEL U STA	UC	2	
SWAN ELWIN F	806 NO	UC	1	
SWANN WILLIAM A JR	PALM TERR RT 5	LW	1	
SWANNER EARL WILSON	123 LAFAYETTE KA HSE	UC	2	
SWANSON ROBERT WARREN	SPE HSE	AG	3	
SWART GLENN ROSS	COMMUTES MELROSE	GR	5	
SWARTZ GERALD	306 NW 16TH PILP HSE	UC	2	
SWARTZWELDER RALPH R	TC HSE	UC	2	
SWEAT MARY ANN	36 MA	UC	1	
SWEAT MELVIN HAROLD	6A BU BX 2311	UC	2	
SWEAT MYRTLE LEE	COMMUTES RAIFORD	ED	4	
SWEENEY BEATRICE G	2226 NW 5TH PL	GR	5	3412
SWEET ROBERT GALLIGANKS	HSE	UC	2	8424
SWEET THOMAS WILLIAM	ATO HSEL	BA	4	
SWENSON OLE STUART	GEN DEL U STA	UC	2	
SWICEGOOD THOMAS P	DC HSE BX 2748	AS	4	
SWICHKOW BERNARD	PILP HSE	BA	4	
SWIFT LEONARD F	531 NE 9TH ST	GR	5	
SWILLEY WM EUDELLE	15 DORM I	BA	3	
SWINDAL THOMAS H	926 W UNIV	UC	2	
SWINDLE ROBERT B	422 MU GEN DEL U STA	AG	4	
SWINGLE EDNA LUCY	1004 SW 1ST ST	GR	5	4433
SWINGLE STEPHEN GREY	807 NO	UC	1	
SWINK OLIVER ELBERT	208 NW 16TH ST	UC	2	
SWOPE CARLTON LAMAR	16 BU KA HSE	UC	2	
SWYGERT WILLIAM C	217 FR GEN DEL U STA	AS	4	
SYDNOR ROBERT J	1018 S W 8TH AVE	GR	5	
SYKES ELEONORE	520 SE 7TH ST	AS	4	
SYMMES ANN KATHRYN	102 YU	UC	1	
SYMONDS RODERIC G	BX 2552	UC	2	
SYMONS HAROLD YOUNG	945 WE	UC	1	
SZEKELY SARAH FULMER	535 ROUX ST	PH	4	

T

TABER ROBERT HALL	186 SD GEN DEL U STA	UC	2	
TACKEFF EDWARD WARREN	TEP HSE BX 551	BA	4	8863
TAENZLER HANS G JR	247S FLAVET 3	LW	2	
TAIT JAMES ALLEN	148 BU BX 2096	GR	5	
TAIT ROBERT H JR	1630 NW 2ND AVE	UC	2	
TALBERT DALE L JR	930 SO	UC	1	
TALBIRD JOSEPH B	822 NO	UC	1	
TALBOT GEORGE WM	500 MU GEN DEL U STA	UC	2	
TALIAFERRO JEAN L	COMMUTES TAMPA	ED	6	
TALLEY ROBERT EDGAR	873 SO GEN DEL U STA	UC	1	
TALLO ROSE	2048 NW 3RD AVE	UC	2	6742
TAMARGO RAMIRO RAY	53A TH GEN DEL U STA	UC	2	
TAMBURO GEORGIA M	316 NW 17TH ST	GR	5	
TANENBAUM SHERMAN W	1666 UNIV AVE	UC	2	9259
TANG YU SUN	1604 NW 3RD PL	GR	5	
TANNER BEN PERRY JR	289 FR GEN DEL U STA	AS	3	
TANNER HAROLD LAMAR	161 SD GEN DEL U STA	PH	4	
TANNER LILA LARUE	MICHAEL	UC	2	
TANNER THEODORE J JR	634 TO	UC	1	
TANTE THOMAS EDWARD	248R FLAVET 3	UC	2	
TANZI LOUIS		GR	5	

TAPPAN WILLIAM B	309 NW 14TH ST	UC	2	
TAPPOUNI BEHNAM P	BX 2347	UC	2	
TARATUS DENNIS FOSTER	SAE HSE	BA	3	
TARATUS KENNETH S	832 NO	UC	1	
TARLTON WM FRANKLIN	241B FLAVET 3	AS	3	
TARRATUS EDWARD A	SPE HSE	UC	2	5903
TARRE EARL FRANCIS	COMMUTES MACCLENNY	GR	5	
TATE GLENN ERNEST	ATO HSE	UC	2	
TATE MARVIN BALLARD	314 NW 12TH AVE	EG	3	7559
TATE RAYMOND T	1106 NE 9TH AVE	UC	2	
TATHAM LEWIS CHARLES	115 SE 4TH ST	GR	5	
TATHAM LOUISE J	115 SE 4TH ST	GR	5	
TATOM MIRIAM A	1125 SW 3RD AVE	UC	2	8963
TATOM ROBERT C	SN HSE	UC	2	7353
TATOM WM MCKINSTRY	SN HSE	AS	4	7353
TATUM JOHN WILBURN	GEN DEL U STA	AG	3	
TATUM WILLIAM EARL	293 FR GEN DE U STA	UC	2	
TAVARES JOSEPH PAUL	COMMUTES HILLIARD	GR	5	
TAYLOR BENJAMIN W JR	PKT HSE	EG	4	
TAYLOR CARLIS ANDREW	3308 NW 10TH ST	GR	5	
TAYLOR CHARLES E JR	217A FLAVET 3	UC	2	
TAYLOR CHARLES LEWIS	1318 NW 3RD AVE	UC	1	
TAYLOR DAVID FRANKLIN	1508 NW 5TH ST	AS	[illegible]	
TAYLOR DONALD RAY	752 NO	UC	1	
TAYLOR DOYLE JACKSON	RT 3	GR	5	
TAYLOR EDWIN JUDSON	205T FLAVET 3	AS	4	
TAYLOR EDWIN STEWART	13 BU BX 2296	GR	5	
TAYLOR GEORGE LANSING	12 NE 4TH ST DTD HSE	GR	5	
TAYLOR HAROLD ALLEN	113 NW 17TH ST	AG	3	7223
TAYLOR HAROLD COLEMAN	KA HSE	BA	4	
TAYLOR HAROLD J	306 SW 12TH ST	UC	2	
TAYLOR JACK	110A NW 15TH ST	BA	4	
TAYLOR JAMES BROOKS	254B FLAVET 3	LW	2	
TAYLOR JAMES HARVEY	9 DORM L GEN DEL U S	UC	1	
TAYLOR JAMES HENRY JR	1428 NW 7TH ATO HSE	UC	2	4463
TAYLOR JAMES JACK	GEN DEL	UC	2	
TAYLOR JAMES WAUNELL	200C FLAVET 3	ED	4	
TAYLOR KATHERINE I	1614 W UNIV DG HSE	AS	3	8780
TAYLOR LAWRENCE J JR	626 NE 1ST ST	PH	4	4722
TAYLOR MATILDA MARIE	254B FLAVET 3	UC	2	
TAYLOR ROBERT VERNON	884 SO	UC	1	
TAYLOR RUTH NEWLAN	COMMUTES LIVE OAK	ED	4	
TAYLOR WILLIAM JELKS	18 NW 17TH ST	EG	3	
TAYLOR WILLIAM JOSEPH	12 DORM S	UC	1	
TAYLOR WILLIAM N	1223 SW 4TH AVE	BA	4	
TAYLOR WILLIE GUSS	255W FLAVET 3	PH	4	
TEAGUE EDNA LYNNL	124 NW 15TH TERR	UC	2	
TEAGUE JOSEPH WRIGHT	804 NO	UC	1	
TEATE WILLIAM C JR	PIKP HSE	BA	4	
TEBRUGGE GEORGE ROBT	2140 NW 3RD PL	AR	4	
TEEL BILLY DUANE	GVILLE TR CT	UC	2	
TEETER EDMUND HERSHEY	1128 SW 6TH AVE	AG	4	
TEIPEL GEO HENRY JR	GEN DEL U STA	UC	2	
TELANDER EDWARD JOHN	PIKA HSE	EG	3	
TELFORD SAM ROUNTREE	1021 WE	UC	1	
TELLECK ANTHONY	322 W 15TH TER	BA	3	
TEMPLE GEORGE MADEC	COMMUTES BROOKSVILLE	GR	5	
TEMPLE JOAN MAGUIRE		UC	2	
TEMPLE LOUIS HENRY	1017 SW 1ST AVE	UC	2	
TEMPLETON RICHARD E	218T FLAVET 3	AR	4	
TENEICK CHARLES W JR	BX 2531 214 NW 14TH	UC	2	6558
TENEYCK WAYNE ANTHONY	21V FR GEN DEL U STA	UC	2	
TENNANT CARL DAVID	626 NE 1ST ST	AS	6	
TENNANT DAVID WISE	1318 NW 3RD AVE	UC	2	5903
TENVOOREN CHARLES R	12 DORM O GEN DEL	UC	2	
TERPENING THOMAS	KA HSE	EG	3	
TERRANA JACK DAMICO	258 FR GEN DEL U STA	GR	5	
TERRY ANNIE ELIZABETH	COMMUTES LULU	ED	4	
TERRY BILLY WARREN	COMMUTES	BA	3	
TERRY JAMES SPARKMAN	323 FR BX 2853	BA	4	
TERRY JOHN ROBERT	376 MU KS HSE	AS	4	
TERRY RAY GORDON	701 TO	UC	1	
TESHER HOWARD MORGAN	619 TO	UC	1	
TETENBAUM CHARLES H	649 TO	UC	1	
THACHER ROBERT JACK	138 NW 15TH TER	BA	4	

THACKREY FLOYD MARVIN	1428 E UNIV	PH	4		
THAMES BILLY DANIEL	1112 NW 4TH AVE	UC	2		
THAMES THOMAS BYRON	390 MU GEN DEL U STA	AS	3		
THAYER RAYMOND A JR	240C FLAVET 3	AR	4		
THIER MYRA S	84 MA	AS	3		
THIGPEN RAMON LEE	45 BU BX 2006	PH	4		
THIGPIN JAMES EDWARD	340 MU GEN DEL U STA	UC	2		
THISLER CHAS EDWARD	1101 SW 5TH AVE	ED	4		
THOMAS ALBERT DUNCAN	GEN DEL U STA	GR	5		
THOMAS AUBREY MATTHEW	COMMUTES BROOKER	EG	4		
THOMAS BARBARA DAVIS	201D FLAVET 3	ED	4		
THOMAS BARBARA JOAN	75 MA	UC	1		
THOMAS CARLTON MAX	319 NW 1ST ST	UC	2		
THOMAS CAROLINE M	1930 NW 2ND AVE	UC	2		
THOMAS CHARLES ROBT	238 FLA CT	EG	4	8093	
THOMAS CHARLES W	105 NW 13TH ST	UC	2	5200	
THOMAS CLARICE A	1202 S W 1ST AVE	GR	5	6922	
THOMAS CONSTANCE E	321 SW 2ND AVE	UC	2	4229	
THOMAS DAVID WM	1625 NW 3RD AVE	ED	3		
THOMAS DONALD ALVIN	499 MU GEN DEL U STA	UC	1		
THOMAS GERALD ANDREW	RT 5	GR	5	5633	
THOMAS GLENN RAYFORD	COMMUTES HIGH SPRING	UC	2		
THOMAS HAROLD BERNARD	507 MU GEN DEL U STA	UC	2		
THOMAS HEYWOOD B	BTPI HSE	BA	4	4131	
THOMAS JAMES	DORM L GEN DEL U STA	UC	1		
THOMAS JAMES ERNEST	444 MU GEN DEL U STA	AG	4		
THOMAS JANE CAROLINE	ADPI HSE	AS	3		
THOMAS JOHN DAVID	248 FR BX 2101	AS	3		
THOMAS JOHN T	1112 NW 3RD AVE	BA	3		
THOMAS LEO JULIAN	MR 2 SW 13TH AVE	UC	2		
THOMAS MARGARET C	COMMUTES HIGH SPRGS	GR	5		
THOMAS MARY JAYNE	256 RI	UC	2		
THOMAS MATHEW ULMER	47 BU GEN DEL U STA	UC	2		
THOMAS MILO IRVING JR		LW	2		
THOMAS NATHAN DEMPSEY	915 SW 2ND AVE	UC	2		
THOMAS OWEN JEROME	1034 WE	UC	1		
THOMAS PERCY LEON JR	1002 W UNIV AVE	UC	2		
THOMAS RICHARD EARL	308 SE 6TH ST	UC	2		
THOMAS RICHARD WM	201B FLAVET 3	UC	2		
THOMAS TEENY	105 NW 13TH ST	UC	2	5200	
THOMAS THOS ALEXANDER	321 SW 2ND AVE	BA	4	4229	
THOMAS WILLIAM REUBEN	416 N MAIN	UC	1	6441	
THOMAS WOODROW W	314 FR GEN DEL U STA	LW	1		
THOMASON DOROTHY H		GR	5		
THOMASSON ALBERT M	197 SD BX 2641	JM	3		
THOMPSON ALEXANDER R	72A TH BX 2498	AR	4		
THOMPSON ANNE F	158 YU	UC	1		
THOMPSON BETTY WALKER	COMMUTES LAKE CITY	UC	1		
THOMPSON CLARENCE G	769 NO	UC	1		
THOMPSON DONALD A	PIKP HSE	UC	2		
THOMPSON DONALD NEIL	10 DORM I GEN DEL U	UC	2		
THOMPSON FREDERICK B	114 SD BX 2124	GR	5		
THOMPSON GEO WINTON	COMMUTES LAKE CITY	GR	5		
THOMPSON ISLER C JR	KA HSE	UC	2		
THOMPSON JAMES F	1734 NW 1ST AVE	UC	1		
THOMPSON JEFFREY H		UC	2		
THOMPSON JESSE J		LW	1		
THOMPSON KEAT NELSON	RIDGEVIEW BX 2212	UC	2		
THOMPSON LAUDIOUS L	208 N W 16TH ST	UC	2		
THOMPSON LOUIS C	1112 SW 1ST AVE	EG	3		
THOMPSON LUCIEN T	675 TO	UC	1		
THOMPSON MARVIN M	DORM GEN DEL U STA	ED	4		
THOMPSON NORMAN H JR	466 MU	UC	1		
THOMPSON PEGGY MAYO	COMMUTES	GR	5		
THOMPSON PERRY J	6 DORM N	UC	2		
THOMPSON REX EDWARD	439 MU PIKP HSD	ED	4		
THOMPSON ROBT KENNETH	56A FLAVET 1	PE	3		
THOMPSON SAMUEL M JR	204D FLAVET 3	EG	4		
THOMPSON THOMAS EARL	103 NW 16TH ST	BA	4	3238	
THOMPSON THOMAS J	214 FR GEN DEL U STA	EG	3		
THOMPSON WM ELBERT	316 FR BX 2547	BA	4		
THOMPSON WM REUBEN	208R FLAVET 3	EG	4		
THOMSON CAROL J	148 YU	UC	1		
THOMSON DAVID M	1248 SW 4TH AVE	LW	2		
THOMSON JOHN MILLER	1219 W UNIV	UC	2	8663	

THORESEN THORE JR	WE	UC	1	
THORNBURG FRANK B	GEN DEL U STA	GR	5	
THORNHILL GEORGE C	3 DORM R	UC	1	
THORNTON BARBARA E	134 YU	UC	1	
THORNTON BASIL R	REISEN TR PARK	UC	2	
THORNTON BUFORD B	1305 W MECHANIC ST	UC	2	
THORNTON HAROLD JR	992 WE	UC	1	
THORNTON JAMES HARVEY	858 SO	UC	1	
THORNTON IRVING H	117 NW 15TH ST	AR	3	6202
THORNTON ROSCOE EDW	GEN DEL U STA	UC	2	
THORNTON TOMMY W	TC HSE	UC	2	
THORO DMITRI ELIAS	272 FR BX 2252	AS	3	
THORWALD WALTER EARL	RT 3 BOX 96B	AS	3	9162
THREADGILL JOAN KAREN	20 MICHAEL	UC	2	
THRELKELD BERNADINE L	133 YU	UC	1	
THRELKELD WM RALPH	GA SEAGLE HALL	ED	4	2601
THRONE JOHN MARSHALL	56A TH BX 2017	GR	5	
THRONE ROGER CLARK	786 NO BX 2017	UC	1	
THROSSELL WILBUR I	COMMUTES OCALA	GR	5	
THROWER HERBERT T JR	99 FLAVET 1	EG	4	
THROWER ROBERT E	310 FR GEN DEL U STA	UC	2	
THULLBERY FRANK M	PIKA HSE	AG	3	
THURMAN JAMES E	10 DORM O GEN DEL U	UC	2	
THURMAN WM ROBERT	975 WE	UC	1	
THURMOND EVA NEWMAN	207B FLAVET 3	UC	2	
THURMOND THOMAS W	207B FLAVET 3	UC	2	
THWEATT ROBERT A JR	795 NO	UC	1	
TICHENOR JOSEPH WM	5DORM A	UC	2	
TICK IRENE	201 RI	UC	1	
TIDD DOROTHY W	COMMUTES JAX	GR	5	
TILLIS DONALD LAMAR	152 SD GEN DEL UNIV	UC	2	
TILLMAN ANN I	517 NW 19TH AVE	PE	3	4265
TILLMAN CHARLES M	14 NW 4TH AVE	AG	4	3016
TILLMAN JAMES HOLLIS	48 BU GEN DEL U STA	AG	4	
TILLMAN MARY ELIZ	1604 NW 4TH AVE	ED	6	
TIMMERMAN PETER	629 TO	UC	1	
TIMMONS ALMA CURRY	2131 NW 13TH ST	GR	5	4690
TINKHAM ALICE MERLE	ADPI HSE	UC	2	
TINKER GERALD EDWARD	BX 2299	PH	3	
TINNEY ROBERT LEE	SAE HSE	AR	3	
TINNY JOHN DAVID	1624 NW 2ND AVE	GR	5	
TINSLEY MARION F	GEN DEL U STA	UC	1	
TIPPING HENRY ALBERT	103 TH GEN DEL U STA	EG	3	
TIRSUN HOWARD	1622 N W 3RD PL	UC	2	
TISDALE ELLEN JANE	HIBISCUS PARK	UC	2	7733
TISHMAN MARCIA JOY	126 YU	UC	1	
TISON DOROTHY P	242 S E 2ND ST	GR	5	3685
TISON EUNICE PIEPER	419 NW 14TH ST	GR	5	7770
TISON MARSHALL MYER	965 WE	UC	1	
TISON MARTHA JANE	210 NW 15TH ST	GR	5	6118
TITUS CARL LAURENCE	COMMUTES JAX	GR	5	
TITUS CLAYTON MANNING	2 DORM B GEN DEL U SU	C	2	
TOBAN BETSY	GR GEN DEL	UC	2	
TOBIN MICHAEL MYNHARTT	EP HSE	BA	3	8863
TOBIN PAUL NEWMAN	452 MU PILP HSE	UC	2	
TODD CLARENCE EUGENE	137 SD BTPI HSE	UC	2	
TODD HELEN GALE	912 SE 1ST AVE	GR	5	
TODD NORMAN	650 TO	UC	1	
TODD STELLA LOU	164 YU	UC	1	
TODD WILLIAM LEROY	IIKA HSE	AR	4	
TODRAS JANET LEE	842 SE 2ND AVE	UC	2	
TODRAS MORRIS SOL	842 SE 2ND AVE	PH	4	
TOFF ANGUS BROWARD	1107 NW 4TH AVE	LW	1	
TOKHEIM JOHN B	2038 W UNIV	GR	5	7997
TOLAR RALPH LEON JR	AGR HSE	UC	2	
TOLEDO JOSE VICTOR	12A BU GEN DEL U STA	UC	2	
TOLLE BETTY JO	ADPI HSE	ED	3	
TOMASINO CHARLES	1538 NW 4TH AVE	AS	3	
TOMBERLIN BETTYE M	221U FLAVET 3	GR	5	
TOMBERLIN EDGAR W	1243 W UNION ST	AG	4	9054
TOMERLIN ALFRED T	263 FR GEN DEL U STA	AS	4	
TOMLINSON CAROLYN	70 MA	UC	2	
TOMLINSON JAMES LEROY	80A TH CP HSE	UC	2	
TOMLINSON THOMAS F JR	NW 13TH ST BX 288	UC	2	
TOMPKINS GERTIE HORNE	COMMUTES RAIFORD	GR	5	

TONEY SHIRLEY G	1813 NW 2ND AVE	UC	1	
TOOLE JAMES CARTER	GEN DEL U STA	UC	2	
TOOLE REX FOSTER JR	18 N 17TH ST	PH	3	
TOPOROFF ALICE ETTA	90 GROVE HALL	UC	2	
TOPOROFF GEORGE S	254T FLAVET 3	AS	3	
TORCISE STEVE	894 SO	UC	1	
TORNWALL GEORGE E JR	626 NW 10TH AVE	LW	1	4600
TORPEY JOHN MASON	1624 NW 2ND AVE	JM	4	
TORRACA PATRICIA A	1503 NW 14TH AVE	UC	2	4374
TORRES JORGE E	207 FR GEN DEL UNIV	UC	2	
TOTTERDALE RICHARD L	333 MU BX 2409	BA	3	
TOTTERDALE ROBT LEWISBX 2409		LW	2	
TOUCHTON DEWEY W	405 NW 14TH ST	UC	2	
TOUCHTON WM JEFFERSON	405 NW 14TH ST	LW	1	
TOULIS ANTHONY	18A BU BX 2517	BA	3	
TOULIS VASILIOS	104 SD BX 2577	UC	2	
TOUSSAINT FRANCIS B	208 FR BX 2904	AG	3	
TOWERS WILLIAM HENRY	SC HSE	BA	4	5553
TOWNE WM ROUSH II	SC HSE	BA	4	5553
TOWNSEND ALLISON JUEL	630 TO	UC	1	
TOWNSEND KATHRYN N	COMMUTES BELL	UC	2	
TOWNSEND ROBERT LAVONS	N HSE	AS	3	
TOWNSEND ROLAND RITCHS	N HSE	PH	3	
TRACY STEPHEN R	WEAVER 972 GEN DEL U	UC	2	
TRAFFORD ROBERT F	1860 W LEON ST	AG	4	
TRAGER BARBARA	1236 SW 1ST AVE	UC	2	
TRAINA ERNEST	379 MU GEN DEL U STA	UC	2	
TRAINA JOSEPHINE	86 GR	UC	2	
TRAPP GEORGE ALBERT	DORM M	UC	1	
TRAWICK BENJ EDWARD	203 SD KS HSE	UC	2	
TRAWICK WILLIAM L JR	60 TH GEN DEL U STA	BA	3	
TRAXLER EVA IRENE	436 W UNIV	GR	5	4636
TREADWELL JOHN HERRON	B83 SO	UC	1	
TREADWELL JOSEPH H	136 DE SOTA	AG	4	
TREADWELL PATRICIA A	403 NW 15TH ST PM HS	BA	4	
TREIMAN MARGARET R	COMMUTES BROOKSVILLE	GR	5	
TREISTER KENNETH	ZBT HSE	AR	3	
TRELOAR WILLIAM B JR	1213 SW 2ND AVE	AR	3	
TREON BYRON	COMMUTES TAMPA	GR	5	
TRESHER GEO FILDES JR	42 BU BX 2126	UC	2	
TREVELYAN FERN RAE	174 YU	UC	1	
TREVOR DORIS ESTELLA	COMMUTES JAX	ED	4	
TRIBBY VIRGINIA V	105 NW 12TH TER	ED	4	
TRICE JAMES ELBERT	14 DORM L GEN DEL U	UC	1	
TRICE JOE MORRIS	GEN DEL U STA	UC	2	
TRICE WM BENJAMIN JR	COMMUTES REDDICK	GR	5	
TRIESTE MELLIS L JR	1100 NW 42ND AVE	EG	3	7526
TRIMM HENRY OWEN	114 SD GEN DEL U STA	UC	2	
TRINGAS JOHNNIE JAS	B89 SO	UC	1	
TRINKLE JOHN RAYMOND	9 DORM C DTD HSE	LW	1	9181
TRINKNER CHARLES LEO	BX 3049	GR	5	4512
TRIPP GEO BROWN III	722 NE 3RD AVE	PH	4	8588
TRIPP WILLIAM H	PIKA HSE	BA	4	
TRITT ABNER L	6 DORM L GEN DEL U S	UC	1	
TROHN ROBERT LEWIS	369 MU BX 2031	AS	3	
TROMBLY JACK OWEN	UNIV MANOR	UC	2	
TROTTER LEE RAMAGE	417 NE 4TH AVE	EG	4	
TROTTER MARY LOU	407 NW 13TH TER	AS	3	8243
TROTTER WARREN K	RT 3 BX 264E	GR	5	
TROTTIER ROBERT EDW	821 E UNIV	UC	2	6320
TROUSDALE THEODORE M	651 TOLBERT BX 2355	UC	2	
TROWBRIDGE CLINTON W	411 BOULEVARD	GR	5	4254
TROWBRIDGE LUCY R	411 BOULEVARD	AS	6	4254
TRUE WILLIAM HENRY	B38 SO	UC	1	
TRUESDELL MARJORIE A	202 NW 12TH TERR	ED	3	5368
TRUITT MARTHA C	NURSFS HOME	UC	2	
TRUJILLO VIDAL	ARCHER RD BX 2073	GR	5	3305
TRUNNELL HARRY M	RT 4 BX 224	UC	1	3346
TRUSHIN THEODORE M	1102 NW 3RD AVE	LW	2	5B89
TRYLING DAVID GEORGE	403 MU GEN DEL U STA	UC	2	
TSARDOULIAS CHRIS A	UNIV LODGE	PH	3	
TUCK JAHLON OTIS JR	COMMUTES OCALA	BA	3	
TUCKER CECIL A	AGR HSE 407 SW 13TH	UC	2	7053
TUCKER EUGENE ALEX	145 SD BX 2572	UC	2	
TUCKER GEO GRADY JR	91X FLAVET 1	AS	4	

TUCKER LAWRENCE A	1030 WE	UC	1	
TUCKER WOODSON C JR	21G FLAVET 1	GR	5	
TUGGLE CALVIN GENE	994 WE	UC	1	
TULLY NORMAN LEE	448 MU GEN DEL U STA	AS	3	
TULUMARIS ANTHONY C	COMMUTES MELROSE	GR	5	
TUNNOCK ARCHIE	44M FLAVET 1	UC	1	
TURBIVILLE JNO FOREST	1642 W UNIV	BA	4	
TURLINGTON EDWIN B	1412 NW 7TH AVE	GR	5	
TURLINGTON JAMES R	2180 NW 13TH ST	UC	2	8792
TURNAGE JAMES L JR	184 SD GEN DEL U STA	EG	3	
TURNAGE LAURA RADFORD	COMMUTES LIVE OAK	ED	3	
TURNBULL ELSIE TILTON	COMMUTES CROSS CITY	ED	6	
TURNER BETTY JO	1423 NW 7TH AVE	PE	3	7703
TURNER BOBBY C	SN HSE	UC	2	
TURNER CHARLES DAVID	900 SO	UC	1	
TURNER FLORENCE E	728 E UNIV	UC	1	7598
TURNER FREDERICK E	PILP HSE	UC	2	
TURNER HELEN ANN	134 YU	UC	1	
TURNER LATIMER H	ATO HSE	FY	4	
TURNER MYRTLE SUE	67 MA	UC	1	
TURNER ROBERT EMORY	246 FR KA HSE	UC	2	
TURNER ROBERT H JR	741 SW 2ND AVE	UC	2	
TURNER ROBERT WALTER	1414 1ST AVE NW	AS	6	
TURNER VIRGINIA RAE	1236 SW 1ST AVE	UC	2	
TURNER WILMA C	COMMUTES JAX	ED	4	
TURNEY FLETCHER G	COMMUTES JAX	GR	5	
TURNUPSEED WM CECIL	140 SD	UC	2	
TURVAVILLE LESTER J	BX 2831	AG	3	
TUTEN JEFF MCLLOYD	914 SO	UC	1	
TUTOLI BENEDICT D JR	254R FLAVET 3	GR	5	
TUTT RALPH MANDEL	689 TO	UC	1	
TUTTLE ALTON GRAY	GEN DEL U STA 290 FR	BA	4	
TUTTLE LAUREN P JR	5A DORM C GEN DEL U	UC	2	9181
TUTTLE WM MANFORD	436 MU BX 3098	UC	2	
TWEEDLE LAVERNE HENRY	251R FLAVET 3	UC	2	
TYGART WALTER PATRICK	3NE 4TH ST	EG	4	
TYLER JAMES ERNEST	247 FR BX 2725	EG	4	
TYLER WILLIAM R	778 NO	UC	1	
TYNDALL HUGH F	SD 165A	ED	4	
TYNER EARL	118 SD BX 2132	AG	3	
TYNER ROBERT OTIS	354 MU GEN DEL U STA	UC	2	
TYRE ALTON CLIFTON	GEN DEL U STA 322 FR	UC	2	
TYRE GEORGE ROBERT	GVILLE TR PK	UC	2	
TYRE JAMES HENRY	402 MU GEN DEL	UC	2	
TYRE LOUBELLE G	COMMUTES PALATKA	GR	5	
TYSON ALAN MEREDITH	GVILLE TR CT	UC	2	
TYSON ALICE GRIFFITH	1113 NW 4TH ST	UC	2	
TYSON FRANK JENION	490 FLAVET 1	UC	2	
TYSON HOWARD JAY	BX 2445 U STA 401 MU	UC	2	
TYSON JAMES CECIL		GR	5	
TYSON JOYCE CARTER	1323 NW 8TH ST	UC	2	3673

U

UEHARA KESAMI	446 MU GEN DEL U STA	GR	5	
ULLIAN NORMA RUTH	MICHAEL	AS	3	
ULLRICH JOAN C	62 MA	UC	1	
UMSTEAD JOHN GRAHAM	18 SW 3RD ST	UC	1	3950
UNDERHILL CHAS F JR	DTD HSE	BA	4	
UNDERILL ROBT WILLARD	BTPI HSE	BA	3	
UNDERWOOD THOMAS F	393 MU GEN DEL	UC	2	
UPCHURCH HAMILTON D	1215 SW 4TH AVE	LW	2	
UPTHEGROVE WM RILLON	22 DORM O BX 2686	AR	3	
URCHISIN WALTER	320 FR BXX3044	UC	2	
URLING GERARD PHELPS	314 NW 12TH AVE	GR	5	
URQUHART JOSEPH W	PKT HSE	UC	2	8623
URQUHART PARK V JR	6 DORM M GEN DEL U S	UC	1	
USHER JOHN WILSON	100A TH PIKP HSE	UC	2	
USINSKI LEONARD PAUL	737 TO	UC	1	
UTSEY BERNICE CONWAY	1105 NE 9TH ST	GR	5	7043
UTSEY EMIL MARK	227 U FLAVET 3	BA	3	

V

VADEN DAN MARTIN JR	326 FR ATO HSE	BA	4	
VALDEZ FELIX TOLEDO	12 NW 7TH ST	UC	2	
VALERIUS ERLING C	1604 W UNIV	UC	2	
VALERO KARLENE	138 GR	UC	2	
VALLES MANUEL	BX 3064	GR	5	
VANBUSSUM JOYCE C	219 ANNIS BLVD	UC	2	857
VANCLEEF DONALD M	637 TO	UC	1	
VAN DUSEN DONALD M	14A DORM D GEN DEL U	UC	2	
VAN HOOGEN JOHN B	247 FR GEN DEL U STA	UC	2	
VAN ORDEN HOWARD E	BX 2725 PGD HSE	UC	2	1803
VANCE AVA JO	202 NW 12TH TERR	ED	4	5386
VANCE EMMA SUE	53 MA	UC	2	
VANCE JAMES WALTER	314 S W 1ST AVE	UC	2	
VANDERLUGT CORNELIUS	1125 SW 4TH AVE	UC	2	959
VANDEVENTER THEADORE	12B BU GEN DEL	AS	4	
VANDROFF ARNOLD ERWIN	PILP HSE	BA	3	9843
VANEPP JOHN BILLY	431 MU BX 2517	AG	4	
VANEYCK BARBARA LEE	129 YU	UC	1	
VANFLEET DONALD S	115 NW 1ST AVE	UC	2	
VAN FLEET RALPH B	117 NW 15TH ST	GR	5	9203
VANGELDEREN BEVERLY A	135 YU	UC	1	
VANHOOZER JOHN WM	201C FLAVET 3	UC	2	
VAN HORN ROBERT CHAS	704 NE 10TH AVE	UC	2	
VANNESS GLENN BENTON	1215 NW 12TH AVE	GR	5	
VANNETTA E ARTHUR	COMMUTES NEWBERRY	GR	5	
VANNETTA WAYNE PHILIP	4A DORM A BS 2881	UC	2	
VANNOTE CORNELIA	15 MA	UC	1	
VANNOY GLEN SCOTT	921 NE 16TH AVE	EG	3	8765
VANPETTEN SEWARD	821 NO	UC	1	
VANSICKLE DONALD CARL	313 NW 11TH ST	UC	2	
VANSICKLER THERON RAY	6 DORM O	UC	2	
VANVALKENBURG HOWARD	RT 2 BX 61A	AS	3	
VARGAS ALFREDO	257 FR GEN DEL U STA	EG	3	
VARGASRAMIREZ ENRIQUE	325 FR BX 2882	GR	5	
VARN THOMAS LELAND	COMMUTES BROOKSVILLE	GR	5	
VARNADO H RAY	119 GR GEN DEL U STA	ED	3	
VARNES MAUDE MOBLEY	COMMUTES JAX	GR	5	
VASILOFF PETER A	53 TH BX 2139	UC	2	
VAUGHAN DANIEL P	1630 NW 2ND AVE	UC	2	
VAUGHAN MARGARET H	54 MA	UC	1	
VAUGHAN MARY ANN	26 MA	UC	1	
VAUGHAN WM WALKER JR	KA HSE	UC	2	8888
VAUGHAN WM WALTON	6 SOUTH HALL BX 2483	ED	4	
VAUGHN LUTHER C	407 SO AGR HSE	UC	2	
VAUGHN MARVEL	215 2ND AVE	ED	4	3230
VAUGHN SAM HAROLD JR	SN HSE	AG	4	7353
VAZQUEZ LUCIANO J	121 SD GEN DEL U STA	UC	2	
VEAL ERNEST BRADLEY	627 SW 12TH ST	UC	2	
VEGA GEORGE	BTPI HSE	UC	2	
VEGA LUIS CARLOS	370 MU BX 2901	UC	2	
VELASCO PROVIDENCE C	COMMUTES TAMPA	GR	5	
VELEY CORYDON A JR	KA HSE	AR	3	
VELIZ CLAUDIO	PGD HSE	AG	3	8303
VENNETT KENNETH F	228D FLAVET 3	GR	5	
VENNEY ROBERT EDWARD	411 MU BX 2763	LW	2	
VENSEL JAMES EDWARD	115 NE 9TH ST	AR	4	
VERMILYA WEBB HOYT	1963 LEON	LW	1	
VERNON MCCAY	453 MU GEN DEL U STA	AS	4	
VESSELS JAMES LEE	CLO HSE	FY	4	
VIALL ROBERT JAMES	GEO SEAGLE HALL	UC	2	
VICENTE CHANDLER JOSE	16 NW 20TH DR	GR	5	7167
VICKERS CHAS LESTER	111 NW 19TH ST	UC	2	
VICKERS MILDRED V	COMMUTES	ED	6	
VIHLEN HUGO S	36A BU GEN DEL U STA	UC	2	
VINAL NELSON C	512 MU GEN DEL US STE	D 4		
VINCENT DANIEL OSTROM	216 FR	BA	4	
VINCENT DELIA SLATER	83C RT 2	GR	5	5923
VINCENT PAUL EDWIN	COMMUTES NEWBERRY	GR	5	
VINES WILLIAM ROBERT	221 ANNIS B BX 2282	UC	2	
VINING ED CLYDE JR	SN HSE	BA	3	

VINING JOHN BRUCE	760 NO SN HSE	UC	1	
VINING WESLEY KEITH	1234 NW 11TH AVE	UC	1	
VIRGIN WILLIAM H	223 SW 4TH AVE	UC	2	5706
VOCELLE LOUIS BASIL	1924 NW 6TH AVE	LW	1	
VOGH JAMES WILLIAM	77 TH BX 2734	GR	5	
VOLL BERNARD MARTIN	DORM S 15	UC	1	
VON ELSKY HELEN C	130 PATRICK CT	UC	2	
VONHAHMANN KENNETH M	1021 WE	UC	1	
VOORHEES STEVEN COERT	1116 SW 2ND AVE	UC	2	7096
VORDERMARK RICHARD M	811 NO	UC	1	
VORDERMEIER HARRY J	1118 NW 1ST PL	BA	3	
VOSS GROVER HERMAN	96 TH BX 2565	ED	4	
VOYLES EDITH MARION	1740 NW 1ST AVE	BA	4	3010
VOYLES LOUIS VERNON	1740 NW 1ST AVE	GR	5	3010
VREELAND JAMES F	11 DORM D BX 3022	UC	2	
VROOM DENNIS WYCKOFF	238 FR GEN DEL U STA	UC	2	

W

WADE HOMER LEONARD JR	449 MU GEN DEL U STA	BA	3	
WADE MASON DEWEY JR	713 NW 25TH AVE	UC	2	3954
WADE PHYLLIS	1208 SW 1ST AVE	ED	6	
WADE RICHARD ARCHER	GEN DEL U STA	UC	2	
WADLEY FREDERICK E	123 SD GEN DEL U STA	GR	5	
WADSWORTH HERBERT R	4A BU GEN DEL U STA	UC	2	
WADSWORTH JAMES H	1023 WE	UC	1	
WAGENER MARILYN J	78 MA	UC	1	
WAGGENER JOSEPH T	501 MU GEN DEL U STA	UC	2	
WAGLOW IRVING F	1628 NW 3RD AVE	GR	5	7696
WAGNER ARTHUR WARD	PUT HSE	BA	4	
WAGNER CHARLES A JR	RT 2 BX 278	EG	3	
WAGNER CHARLES EDWARD	SPE HSE 447 MU	BA	3	
WAGNER ERIC EMILE	1415 NW 4TH ST	UC	2	
WAGNER MARILYN RAE	118 YU	UC	1	
WAGNER ROBERT BRUCE	DTD HSE	GR	5	
WAINWRIGHT JACK M	461 MU	UC	1	
WAITS BETTY JO	197 RI	UC	2	
WAITS THOMAS T JR	112 FLAVET 2	AS	4	
WAKELAND RALPH B JR	266 FR BX 2437	BA	3	
WAKELING DON ASHLEY	264 FR GEN DEL U STA	AS	4	
WAKELING TRENT S	1328 NW 5TH AVE	AR	4	
WALDEN CLARKE	SPE HSE	LW	1	
WALDING JOSEPH D	GAINESVILLE TR CT	EG	4	
WALDMAN SHELDON	4 DORM B GEN DEL U SU	UC	2	
WALDREP THOMAS M JR	415 NW WASHINGTON	UC	1	
WALDRON HAROLD E	245 FR BX 2328	UC	2	
WALKER BARBARA JUNE	95 YU	UC	1	
WALKER BERRY JAMES	234U FLAVET 3	AR	4	
WALKER CARL E JR	306 NE 6TH ST	GR	5	
WALKER CATHERINE E	145 YU	UC	1	
WALKER CHARLES E	104 NW 17TH ST	AS	4	4993
WALKER DAVID SHELBY	690 TO 849 SO	UC	1	
WALKER GEORGE KEITH	SAE HSE	UC	2	
WALKER GEORGE L	134 SD KS HSE	UC	2	
WALKER GEORGE MASON	223 SW 2ND PL	UC	2	
WALKER GILKEY	STENGEL FIELD BX 281	UC	2	
WALKER HOWARD BRUCE	163 FLAVET 2	UC	2	
WALKER JANE STEWART	1245 SW 1ST AVE	UC	2	
WALKER JOSEPH M	STENGEL FIELD	UC	2	
WALKER JUDSON B JR	PIKP HSE	LW	1	
WALKER LENA MAE	1117 NW 1ST PL	UC	2	
WALKER LEWIS EUGENE	11B BU BX 2834	BA	4	
WALKER MARGARET ANN	111 NW 16TH ST	ED	3	
WALKER MARVIN HUGHITT	965 WE	UC	1	
WALKER RALPH H	827 NO	GR	5	
WALKER ROBERT D JR	411 NE 9TH ST	GR	5	4086
WALKER ROBERT LANE	SC HSE	UC	2	5553
WALKER ROSA STONE	COMMUTES SANDERSON	ED	3	
WALKER ROY LYNDON	15 DORM M	UC	1	
WALKER SARAH JANE	18 MA	UC	1	
WALKER VINCENT LEE	924 SO	UC	1	
WALKER WILLIAM EARL	331 MU GEN DEL U STA	PH	3	

WALKER WILLIAM EDWIN	1315 NW 2ND AVE	AG	3		
WALKUP JAMES ROBERT	1402 W UNIV	PE	4	3851	
WALL ARCHIE CLELAND	25A BU GE DEL	UC	2		
WALL DONALD W	PDT HSE	UC	2		
WALL HILLIER J	228A FLAVET 3	UC	2		
WALL JO ANN	28 GR GEN DEL U STA	UC	2	9173	
WALL MARGARET ANN	KS HSE	ED	3	8963	
WALL RAYMOND FRANCIS	154 FLAVET 2	AS	3		
WALLACE CHARLES E JR	237A FLAVET 3	BA	4		
WALLACE DAVID F	KA HSE	UC	2		
WALLACE HERBERT P JR	6 DORM O GEN DEL U SB	A	3		
WALLACE JOHN MCNEILL	683 TO	UC	1		
WALLACE RICHARD C	205S FLAVET 3	UC	2		
WALLACE ROBERT GEORGE	SAE HSE	UC	2		
WALLACE ROBERT T	RT 2 BX 278	PH	4	6033	
WALLACE ROGER L	518 NW 15TH ST	AR	4		
WALLACE WILLARD T	318 NW 2ND ST	UC	1		
WALLBAUM PHILIP H	375 MU SC HSE	BA	4		
WALLER BRUCE	634 TO	UC	1		
WALLING HARRY L	GEN DEL U STA	AG	4		
WALLIS CAMILLE F	COMMUTES BROOKSVILLE	ED	4		
WALLIS DELMAS EDWARD	212T FLAVET 3	PH	4		
WALLIS ELIZABETH P	120 YU	UC	1		
WALLIS THOMAS H	327 FR GEN DEL U STA	UC	2		
WALSH FRED JOSEPH	812 NE 8TH AVE	UC	2		
WALSH LOUISE HAMPTON	411 SE 1ST AVE	UC	2		
WALSH RICHARD MURRAY	241E FLAVET 3	GR	5		
WALTER LUCILLE NEYSA	101 YU	UC	1		
WALTERS GEORGE L	1420 N W 1ST AVE	EG	4	8753	
WALTERS KENNETH	RT 2 BX 191A	GR	5	8448	
WALTERS RICHARD W	741 SW 2ND AVE	UC	1		
WALTON BERTRAN DAVID	136 NW 17TH AVE	UC	2	9287	
WALTON JANE ADAMS	1823 NW 5TH AVE	AS	4	5825	
WALTON WM PIPER	ATO HSE	UC	2	4463	
WAMBLE RALPH L	15 DORM C BX 2068	UC	2		
WARD ARTHUR DIMOCK	116 SD PIKP HSE	AS	4		
WARD BENJAMIN F	1A DORM N GEN DELU S	UC	2		
WARD FRANCIS EHL	208 NW 16TH	UC	1		
WARD FREDERICK JAMES	927 NW 24TH AVE	LW	1		
WARD FREDERICK R	COMMUTES	GR	5		
WARD JAKE PADGETT	COMMUTES MELROSE	UC	1		
WARD JAMES INMAN	984 WE	UC	1		
WARD JAMES LESLIE	2003 NW 7TH LANE	UC	2	7754	
WARD JOE	166 SD BX 2232	UC	2		
WARD JOHN ALLEN	1624 NW 2ND AVE	UC	2	9277	
WARD JOHN FARRELL	198 SD GEN DEL U STA	UC	2		
WARD JOHN HOWARD	1500 E UNIV PO BX 65	UC	1	4172	
WARD LEON THERON	264 FR GEN DEL U STA	UC	2		
WARD MARY SUSAN	902 SW 2ND AVE	UC	2		
WARD OLEN J JR	168 SD GEN DEL UNIV	UC	2		
WARD RAYMOND E	239B FLAVET 3	UC	2		
WARD ROBERT LEE	COMMUTES OCALA	GR	5		
WARD ROBERT LEE	765 NO	UC	1		
WARD RUFUS BROWARD	2003 NW 7TH LANE	UC	2		
WARD RUSSELL STONE	236R FLAVET 3	EG	4		
WARD VICKERS E JR	CLO HSE	UC	1		
WARD WILLIAM DOUGLASS	ATO HE	UC	2		
WARD WILLIAM LUCAS	1209 W UNIV	UC	2		
WARDLAW JOSEPH R JR	690 TO	UC	1		
WARE CHARLES EDWARD	MU	UC	2		
WARE ROBERT ALEXANDER	216 FR SN HS	UC	2		
WARMACK JOSEPH	336 MU GEN DEL U STA	UC	2		
WARNER CHARLES E	981 WE	UC	1		
WARNER DALE ALFORD	BX 284G RT 3	GR	5		
WARNER DIANE ALBERTA	160 YU	UC	1		
WARNER WILLIAM W	DC HSE BX 2748	AG	4	7429	
WARNOCK WM ARTHUR	33A BU BX 2042	EG	4		
WARREN BARBARA KATE	1236 SW 1ST AVE	GR	5		
WARREN FRANK EDWARD	669 TO	UC	1		
WARREN FREDERICK E	871 S BX 2421	UC	2		
WARREN GRADY ALONZO	SAE HSE	UC	2	4531	
WARREN JAMES MCBRIDE	KA HSE	UC	2		
WARREN JOHN THOMAS	155 FLAVET 2	GR	5		
WARREN NORMAN A	NO	UC	1		
WARRINER KENNETH L JR	242 FR BX 2268	AR	3		

WASHBURN KEATS A	762 NO	UC	1		
WASHER NORMAN EDSON	AAB GEN DEL UNIV S	UC	2		
WASS ARNOLD RAY	303 NE 2ND AVE	UC	1	6267	
WASSERMAN MARILYN	170 YU	UC	1		
WASSERMAN MYRNA P	34 MA	UC	1		
WASSERMAN RICHARD WM	636 TO	UC	1		
WASSUM ROBERT H JR	2 DORM B GEN DEL U	SEG	3		
WATERHOUSE EVELYN H	65R FLAVET 1	GR	5		
WATERHOUSE LINTON S	65R FLAVET 1	LW	1		
WATERS BETTY ZANE	COMMUTES YULEE	GR	5		
WATERS CHARLOTTE R	COMMUTES MCINTOSH	UC	2		
WATERS DAVID W	439 MU PIKP HSE	UC	2		
WATERS FRED	COMMUTES YULEE	GR	5		
WATERS JAMES FLOYD JR	11 DORM M	UC	1		
WATERS JOHN TOY	39 BU GEN DEL UNIV	SBA	4		
WATERS ROBERT C	691 TO	UC	2		
WATERS THURMAN LAVERN	303 NE 2ND AVE	UC	2		
WATKINS HAZEL L	COMMUTES PALATKA	ED	3		
WATKINS JACKIE	AOPI HSE	AS	3		
WATKINS MILTON SLONE	106 FLAVET 2	PE	4		
WATKINS ROBERT C JR	1624 NW 2ND AVE	UC	2		
WATROUS BENJAMIN A JR	9A DORM L	UC	1		
WATSON DONALD JAMES	127 FLAVET 2	BA	4		
WATSON FLOYD WENDELL	GEN DEL U STA	ED	4		
WATSON FREDERICK H	PDT HSE	AG	4		
WATSON HAROLD HERLIHY	PKT HSE	LW	1		
WATSON JIMMY STERLING	345 MU GEN DEL U STA	UC	2		
WATSON JOHN WILLIAM	354 MU ATO HSE	UC	2		
WATSON PAUL A	499 MU	UC	1		
WATSON WILLIAM J	WE 1027	UC	1		
WATSON WM LEAVITT	236A FLAVET 3	UC	2		
WATT HELEN JUNE	62 GR	AS	3		
WATT WILLIAM JAMES	15 SW 2ND PL	GR	5		
WATTERSON CHARLES A	213U FLAVET 3	AS	4		
WATTS PAUL DEAN	806 YU	UC	1		
WAY FRED MORRISON	825 NO	UC	1		
WEAR RICHARD ARLEN	900 BLVD	UC	2	8510	
WEATHERS WM WALTER	COMMUTES	GR	5		
WEAVER CHARLES OLIN	1432 W UNIV	GR	5	9259	
WEAVER CHAS STANLEY	DC HSE	UC	2		
WEAVER CLYDE DONALD	245S FLAVET 3	UC	2		
WEAVER DONALD RAY	735 NE 12TH AVE	PH	4	4680	
WEAVER LORRAINE K	156 YU	UC	1		
WEAVER MELVIN E	KS HSE	AG	3		
WEAVER WM JACOB JR	3 BU BX 2512	AS	4		
WEBB BRYAN JR	1115 NW 13TH AVE	GR	5	9827	
WEBB CARL FLANDERS	920 21ST AVE NW	GR	5		
WEBB DELAWARE T JR	221 SE 7TH ST	PE	4	9805	
WEBB EDWIN	1420 W UNIV	BA	3		
WEBB GEORGE T JR	1013 SW 2ND AVE	UC	2		
WEBB HARDIE BRYAN	BX 2272	BA	4		
WEBB HOLLAND	620 TO	UC	1		
WEBB JACK LYNN	116 NW 16TH ST	UC	2		
WEBB LARRY ALLEN	168 SO GEN DEL U STA	AR	3		
WEBB MORRIS EDWARD	200 SE 7TH ST	GR	5		
WEBB PHILIP A III	SN HSE	LW	2	1310	
WEBB ROBERT HARRY	658 TO	UC	1		
WEBB ROBERT I JR	208 NW 14TH ST	UC	2		
WEBB ROBERT STUART	427 MU BX 2369	EG	4		
WEBB SHANLEY DOYLE	1125 SW 4TH AVE	UC	1	5676	
WEBB SIDNEY AUGUST	PIKA HSE	AG	3	9118	
WEBB WARREN VICTOR	COMMUTES ARCHER	AG	4	2263	
WEBBER MARILYN	KD HSE	UC	2		
WEBER RICHARD LEE	TH BX 2092	FY	4		
WEBSTER MELVIN L	KS HSE	UC	2	8424	
WECHSLER ARNOLD N	ZBT HSE	UC	2		
WEDEBROCK DONALD A	249 FR BX 2458	UC	2		
WEEKS DAVID CALVIN	SC HSE	UC	2		
WEEKS JOSEPH C	450 MU BX 2349	BA	4		
WEEKS ROBERT GUILFORD	213 FR GEN DEL U STA	UC	2		
WEEKS WILLIAM EUGENE	254D FLAAVET 3	GR	5		
WEGMANN GERALD A	903 SO	UC	1		
WEHKING DONALD STEVEN	643 TO	UC	1		
WEIK WM CHRISTIAN	249U FLAVET 3	UC	2		
WEIL JOSEPH HILLARD	434 MU PILP HSE	UC	2		

WEILAND ROBERT FRED	666 TO	UC	1	
WEIMER BILL J	221 SE 7TH ST	UC	2	
WEIMER MARY TREACY	221 SE 7TH ST	UC	2	
WEINAUER MARLENE	ADPI HSE	UC	2	6563
WEINBERG ALFRED JAY	14 DORM N BX 2578	UC	2	
WEINBERG HAROLD N	PILP HSE	GR	5	9843
WEINBERG RICHARD G	424 MU BX 2578	UC	2	
WEINER JOEL MYRON	619 TO	UC	1	
WEINGARTEN BERNARD	784 NO	UC	1	
WEINSTEIN MILTON CARLZ	BT HSE BX 2656	PH	3	7693
WEISENBURGER HENRY F	1534 N W 4TH AVE	EG	4	
WEISS ARNOLD ROBERT	1231 W UNZV TEP HSE	UC	1	8865
WEISS HENRY ROBERT	1102 NW 3RD AVE	AS	3	5889
WEISS EDWARD BERNARD	671 TO	UC	1	
WEISS LAWRENCE ROBERT	6 DORM A GEN DEL U SU	C	2	
WEISS NATHAN	220C FLAVET 3	AR	4	
WEISS PETER DAVID	730 TO	UC	1	
WEISSENBORN LEE E	16 DORM R BX 2411	JM	4	
WEISSING DENNIS HENRY	1602 HERNANDO	BA	4	
WEISSING LOUIS	1734 NW 1ST AVE	LW	1	
WEISSMAN HELEN PEGGY	202 RI	UC	1	
WEITZEL TERENCE O JR	5 DORM M	UC	1	
WELBORN ELIZABETH C	214 NE 5TH ST	GR	5	5330
WELBORN WM ARTHUR	120 SE 7TH ST	UC	2	
WELCH BARBARA LYNN	145 YU	UC	1	
WELCH DOUGLAS BRYCE	GEN DEL U STA	LW	1	
WELCH JAMES DANFORTH	GEN DEL U STA	UC	1	
WELCH MAURICE JOSEPH	12 DORM N GEN DEL U	UC	2	
WELCH WM DONALD	GEN DEL U STA	AS	4	
WELDON EARL SIDNEY	816 NW 12TH AVE	ED	4	3087
WELDON EDWIN CARROLL	1002 W UNIV	UC	2	6790
WELDON MERLE EDGAR	932 W UNIV AVE	AS	6	
WELDON PATRICIA JEAN	816 NW 12TH AVE	UC	1	
WELDON STEPHEN ANDREW	10 DORM N	UC	2	
WELLER JOHN STEPHEN	65B TH 1926 W UNIV	AS	3	
WELLER RICHARD COLE	408 MU GEN DEL	UC	2	
WELLER RUTH JOSEPHINE	119 YU	UC	1	
WELLS BARBARA ANN	258 REID HALL	UC	2	
WELLS EDWARD LLOYD	PKT HSE	AR	4	8623
WELLS ERNEST BIGGS	1123 SW 1ST AVE	UC	2	
WELLS JACK GOEBEL	12 DORM K DTD HSE	ED	4	
WELLS JOEL REAVES III	TC HSE	LW	2	4814
WELLS PERRY EDWARD	BX 2525	BA	3	
WELLS RODNEY BERNARD	BX 2726	PH	4	
WELLS THOMAS LEON	196 SD GEN DEL U STA	AS	3	
WELLS WILLIAM J JR	1830 NW 2ND AVE	UC	2	
WELSCH WALTER ROLAND	229D FLAVET 3	GR	5	
WELTER JUNE H	273 RI	UC	2	
WENTWORTH AUBREY DEAN	236S FLAVET 3	GR	5	
WENTWORTH WINIFRED L	236S FLAVET 3	LW	3	
WERLY VICTORIA JEAN	1071 E UNIV	BA	3	
WERNER MABEL M	1902 NW 1ST AVE	UC	2	
WESEMAN WARNER W	UNIV MANOR	UC	2	3800
WESLEY RAYMOND F	RT 1 BOX 124	UC	2	
WEST CURTIS GAYLORD	906 SW 7TH AVE	BA	3	
WEST GEORGE D JR	34J FLAVET 1	UC	2	
WEST HAZEL WILLIAMS	PARADISE TR CT	UC	2	
WEST JAMES GILBERT	332 MU GEN DEL U STA	UC	2	
WEST JESSE FRANK	COMMUTES ARCHER	GR	5	
WEST JUDSON BYARD	209 MU GEN DEL U STA	PH	3	
WEST M CONSTANCE	COMMUTES FERNANDINA	GR	5	
WEST RAYMOND TROY	201U FLAVET 3	GR	5	
WEST RICHARD LEWIS	103 NW 14TH ST	UC	2	
WEST ROBERT CHARLES	1021 NW 22ND AVE	GR	5	
WEST WM BROWN'NG	PARIDISE TR CT	UC	2	
WESTBERRY DANIEL WM	PKT HSE	AR	4	
WESTBERRY FELDER L	117 NW 15TH ST	BA	4	
WESTBERRY RICHARD C	AGR HSE	UC	2	
WESTBROOK DUANE P	1236 W UNIV	UC	2	
WESTBROOK JAMES C	11 DORM C	UC	2	
WESTCOTT ALAN RAY	SC HSE	UC	2	5553
WESTER WILLIAM J	481 MU GEN DEL	PE	3	
WESTLING RICHARD A	18 DORM N GEN DEL U	UC	2	
WESTPHAL ERIC ADOLPH	321 13TH ST	UC	1	
WETHERBY HERBERT C	B3 TH BX 2234	UC	2	

WETHERELL ERNEST J	391 MU BX 2205	BA	4	
WETHERELL JOYCE	1245 SW 1ST AVE	UC	2	8953
WETHERINGTON BENNY	121 SD GEN DEL U STA	UC	2	
WETHERINGTON MERRILL	515M MU SN HSE	UC	2	
WETHERINGTON RALPH R	233D FLAVET 3	EG	4	
WETHERINGTON THOMAS I	410 NW 1ST AVE	EG	3	6222
WETMORE RALPH H	639 TO	UC	1	
WETMORE THOMAS EDW	69 TH GEN DEL	UC	2	
WEVER DONRUE	304 NW 15TH ST	UC	2	
WEYBRECHT PRICE W JR	216S FLAVET 3	FY	4	
WEYER ALBERT EDWARD	1711 NW 12TH ST	GR	5	
WEYER BETTY FRANCES	RI	UC	2	
WEYER RICHARD H	116 NE 3RD AVE	BA	4	
WHAM NATALIE VA	43 MA	UC	1	
WHARTON WILLIAM H	25A BU GEN DEL U STA	AS	4	
WHARTON WM LOUIS	GEN DEL U STA	ED	4	
WHEELER BENTON FIELD	110 TH GEN DEL U STA	UC	2	
WHEELER GARLAND EDGAR	136 DESOTO	UC	2	
WHEELER IVEN H JR	GEN DEL U STA 28 BU	UC	2	
WHEELER MARIE E	COMMUTES BROOKSVILLE	ED	6	
WHEELER PATRICIA D	74 GROVE	ED	3	
WHEELER RONALD JAMES	23 DORM M	UC	1	
WHEELER SHERMAN THOS	GEN DEL U STA 394 MU	UC	2	
WHEELER WM HAROLD	15 NW 15TH ST	BA	3	4814
WHELAN JEANNE MARIE	148 YU	UC	1	
WHIDDEN ELMER G	1 DORM S GEN DEL U S	UC	1	
WHIDDEN JOHN EVERETT	107 NW 15TH ST	AG	3	
WHIDDON ERSCHEL ANN	1238 SW 2ND AVE	UC	2	
WHIGHAM ROGER ELMO	900 SO	UC	1	
WHILDEN WM MARION	2 DORM M	UC	1	
WHITACRE BRADFORD H	82V FLAVET 1	ED	3	
WHITCOMB BETTY JEAN	157 YU	UC	1	
WHITCOMB MORRIS GLENN	2B BU ATO HSE	EG	4	
WHITE ALEXANDRA DREW	53 MA	UC	1	
WHITE BARBARA ANN	143 YU	UC	1	
WHITE BETTE JEAN	210 NW 15TH ST	UC	2	6118
WHITE DAVID DANA	COMMUTES WILDWOOD	GR	5	
WHITE EDWARD B	421 MU PDT HSE	UC	2	
WHITE ELISE BRANTLEY	COMMUTES JAX	ED	4	
WHITE ELMER GEORGE	9C FLAVET 1	UC	2	
WHITE ERVIN L	AGR HSE	UC	2	207
WHITE EVERETTE B	421 NW 15TH ST	BA	4	
WHITE GEORGE KIRK	115 NW 10TH ST	LW	1	
WHITE JACK WARD JR	288 FR GEN DEL U STA	EG	3	
WHITE JAMES HENRY	GEN DEL UNIV S	BA	4	
WHITE JAMES OREN JR	1624 NW 2ND AVE	UC	2	9237
WHITE JANE STITT	418 SE 7TH ST	UC	2	
WHITE LORING HOOVER	893 SO	UC	1	
WHITE OLIN WESLEY	COMMUTES STARKE	UC	2	
WHITE RALPH WM JR	PKT HSE	UC	2	
WHITE RICHARD W	35 UNIV MANOR	UC	2	
WHITE ROBERT A JR	229 FR SPE HS	UC	2	
WHITE ROBERT ROY	907 SW 6TH AVE	LW	1	
WHITE TERRY ROBINSON	GEN DEL U STA	UC	2	
WHITE THOMAS C		UC	2	
WHITE WILLIAM MONROE	1417 NW 6TH PL	GR	5	
WHITEHEAD BUELL LEE	RT 4	GR	5	
WHITEHEAD CULBREATH C	408 F CHURCH ST	EG	4	4081
WHITEHEAD ROBERT L	COMMUTES FERNANDIA	GR	5	
WHITEHEAD ROBERT M	408 E CHURCH	UC	2	
WHITEHURST CHARLES E	GEN DEL U STA BU	AG	3	
WHITEHURST JAMES F	34A BU GEN DEL	UC	2	
WHITELOCK CLAUDE T	309 SE 7TH ST	UC	1	
WHITENER EARNEST A	442 MU BX 2004	BA	4	
WHITESELL ISAAC WELCH	GVILLE TR PK BX 2322	BA	4	
WHITESIDE DANIEL F	AGR HSE	UC	2	7053
WHITESIDE MARY ELIZ	242 RI	UC	2	
WHITFIELD C L	206S FLAVET 3	AG	3	
WHITING CLARA T	513 NW 8TH AVE	GR	5	4635
WHITLOCK ALBERT A	1621 NW 3RD PL	UC	1	
WHITLOCK PAUL PATE	1740 NW 2ND AVE	GR	5	
WHITLEY ERNESTINE S	COMMUTES FERNANDINA	GR	5	
WHITMAN GLORIA	1106 SW 4TH AVE	UC	2	7833
WHITMAN JULES ARTHUR	PILP HSE	UC	2	9843
WHITMORE FLORENCE A	GROVE HALL 151	ED	4	

WHITMORE FREDERICK E	215 FR BX 2263	UC	2	
WHITSTON DAVID AUSTIN	107 ANNIS BLVD	EG	4	8023
WHITTAKER WALTER G	943C WE	UC	1	
WHITTED ELIZABETH T	205 E UNIV	AS	4	5303
WHITTED ERIC A	205 E UNIV	AS	4	3503
WHITTEN JAMES R	508 NE 1ST ST	EG	4	
WHITTINGTON GLADYS L		AS	4	
WHITTINGTON KENNETH W	103 NW 10TH ST	EG	4	
WHITTINGTON RICHARD S	424 NE 6TH ST	AG	3	
WHITTINGTON WANDA B	93 YU	UC	1	
WHITTLE EUGENE V	PDT HSE	EG	4	
WHITTLE MIRIAM NELL	COMMUTES BROOKSVILLE	ED	4	
WHITTLE WINTON OZIEL	COMMUTES	GR	5	
WHITTLESEY DAVID E	1006 NW 14TH AVE	UC	1	6774
WHITTLESEY HELEN M	1006 N W 14TH AVE	GR	5	6774
WHITWILL CHARLES D	45M FLAVET 1	GR	5	
WICKER THOMAS H JR	1124 NW 3RD AVE	GR	5	9889
WICKHAM PAUL A	GEN DEL U STA	AR	4	
WICKLUND RICHARD PAUL	6 DORM M	UC	1	
WIDEMAN FRANCIS J JR	244D FLAVET 3	LW	2	
WIDENER GLORIA RITA	139 YU	UC	1	
WIDICK RICHARD OTTO	916 NE 3RD AVE	UC	1	
WIDRA ABRAHAM	1 DORM A	AG	6	
WIEBURG ARTHUR DEAN	115 NW 10TH ST	LW	1	9222
WIENER STEVE IRA	AEPI HSE	UC	2	5889
WIENER WM MURRAY	AEPI HSE BX 2861	UC	2	
WIGELIUS FRANK EDWARD	1225 NW 10TH AVE	GR	5	
WIGGINS JERRY MACK	14A BU GEN DEL U STA	UC	2	
WIGGINS MACDONALD J	132 FLAVET 2	EG	3	
WIGGINS RALPH E JR	GEN DEL U STA	PH	3	
WIGGINS ROBERT S	GEN DEL U STA	UC	2	
WIGGINS TURNER ASHBY	FLAVET 3 244R	AR	4	
WIGHTMAN ROY WM	53 TH GEN DEL U STA	UC	2	
WIKMAN ANDREW OLAF	GEN DEL UNIV STA	GR	5	
WILBUR DONALD VERNE	227 R FLAVET 3	ED	3	
WILBUR ELEANOR M	227 R FLAVET 3	UC	2	
WILBUR ROBERT JAMES	41A BU GEN DEL U STA	UC	2	
WILBY ANN	COMMUTES LAKE CITY	GR	5	
WILCOX EDWARD JOS JR	112 SW 3RD AVE	ED	3	
WILCOX EVERETT H	206 N W 2ND ST	AG	4	7629
WILCOX GLEN H	1133 NW 22ND AVE	UC	2	
WILCOX HENRY JACKSON	MU SN HSE	UC	2	
WILCOX JOHN RROWN	1239 NW 10TH AVE	GR	5	6949
WILCOX WILLIAM S	433 MU BX 2436	AG	4	
WILDER CALFFREY D III		UC	2	
WILDER FRED EUGENE	1 DORM R	ED	3	
WILDER KEITH MIGHELL	GEN DEL U STA	UC	2	
WILEY ROBERT NOBLE	1032 WE	UC	1	
WILHELM PAUL ANDREW	853 SO	UC	1	
WILHELM RALPH S JR	986 WE	UC	1	
WILKERSON JAS CARRELL	106 BU GEN DEL U STA	AS	4	
WILKES HERBERT H	310 MU GEN DEL U STA	UC	2	
WILKES WM EARL JR	CP HSE	UC	2	8783
WILKINS JOHNNY M	461 MU	UC	1	
WILKINSON EDWIN MASON	15 DORM K	UC	1	
WILKINSON JAMES C	1666 W UNIV	UC	2	
WILKINSON JOE LINDSAY	219 FR BX 2014	BA	4	
WILKINSON LEELAN G	1255 W ARLINGTON	UC	2	
WILKINSON REGINALD W	178 SD GEN DEL U STA	UC	2	9155
WILKINSON SIDNEY R	1525 NW 5TH AVE	AR	4	3506
WILL CHARLCEY MAE	RT 4 BX 171	UC	2	3393
WILLCOX JOE CLYDE	201S FLAVET 3	LW	1	
WILLIAMS ANGUS JR	492 MU BX 2287	PE	4	
WILLIAMS ANGUS D JR	PDT HSE	BA	3	
WILLIAMS BETTY M	UNIV MANOR	ED	4	
WILLIAMS BOYCE A	1826 NW 1ST AVE	UC	2	
WILLIAMS BYRON B JR	726 NW 35TH AVE	GR	5	
WILLIAMS CHARLES A	2 DORM L BX 2565	UC	2	
WILLIAMS CHARLES GUY	STENGLE FLD GEN DEL	GR	5	
WILLIAMS CHARLES RUBT	COMMUTES WALDO	UC	1	
WILLIAMS D JEANNETTE	MA	PE	4	
WILLIAMS DALE LEWIS	135 SD KS HSE	UC	2	
WILLIAMS DAVID J	647 TO	UC	1	
WILLIAMS DONALD FLOYD	309 NW 12TH ST	BA	4	7135
WILLIAMS DONALD GUY	724 NE 7TH TER	UC	2	4674

WILLIAMS	DOROTHY B	200 SE 7TH ST	UC	2	
WILLIAMS	EDITH ORA	724 NE 7TH TER	UC	2	4674
WILLIAMS	EDWIN G JR	UNIV MANOR	EG	4	
WILLIAMS	ERVIN AUBREY	1619 NW 3RD AVE	UC	2	
WILLIAMS	FAUSTINE E	257 RI	UC	2	
WILLIAMS	FRANCIS D	COMMUTES HAWTHORNE	UC	1	
WILLIAMS	GARY GREEN	GEN DEL U STA 442 MU	UC	2	
WILLIAMS	GARY LEE	256V FLAVET 3	EG	4	
WILLIAMS	GENE	1112 SW 1ST AVE	UC	2	
WILLIAMS	GEORGE EDW	GEN DEL	UC	2	
WILLIAMS	GEORGE H JR	219C FLAVET 3	LW	1	
WILLIAMS	GEORGE JOS	1036 WE	UC	1	
WILLIAMS	GRADY WELDON	150 SD GEN DEL U STA	UC	2	
WILLIAMS	GUYTON M	COMMUTES GRACEVILLE	GR	5	
WILLIAMS	HARRY GLEN	1434 NW 3RD AVE	UC	2	
WILLIAMS	HELEN C	1602 NW 1ST AVE	UC	2	
WILLIAMS	HENRY C	677 TO	UC	1	
WILLIAMS	HENRY J JR	1652 SW 13TH BX 266	GR	5	
WILLIAMS	HENRY JULIAN	210 SW 12TH ST	UC	2	
WILLIAMS	HUGH MORRIS	GEO SEAGLE HALL	UC	1	
WILLIAMS	IRENE ELIZ	1202 SW 1ST AVE	ED	3	6922
WILLIAMS	JAMES EDWARD	9 DORM B GEN DEL U SU	UC	2	
WILLIAMS	JAMES G	1602 NW 1ST AVE	AG	4	
WILLIAMS	JOANNA HILL	181 YU	UC	1	
WILLIAMS	JOE N	226 FR GEN DEL U STA	AR	3	
WILLIAMS	JOHN PAUL	315 W UNIV	ED	3	9114
WILLIAMS	JOHN THOMAS	407 TH GEN DEL U STA	AS	4	
WILLIAMS	JULIAN L JR	708E UNIV AVE	AR	4	
WILLIAMS	KARROL K	1728 NW 1ST AVE	UC	2	4428
WILLIAMS	LEMAR L	256A FLAVET 3	BA	4	
WILLIAMS	LOREN A	COMMUTES ARCHER	GR	5	
WILLIAMS	LUCILLE	256V FLAVET 3	UC	2	
WILLIAMS	MALLORY H	161 FLAVET 2	LW	3	
WILLIAMS	MAXINE M	COMMUTES ARCHER	GR	5	
WILLIAMS	MERRITT H	PIKA HSE	UC	2	
WILLIAMS	NANCY JEANNE	39 MA	UC	1	
WILLIAMS	R CLAIR	62 TH SC HSE	BA	4	
WILLIAMS	RANDALL F	348 BU PDT HSE	UC	2	
WILLIAMS	REUBEN S III	1717 UNIV KA HSE	AG	4	
WILLIAMS	RICHARD E	43 BU GEN DEL U STA	UC	2	
WILLIAMS	RICHARD LYNN	35 BU GEN DEL UNIV SU	UC	2	
WILLIAMS	ROBERT ANSEL	403 MU GEN DEL U STA	UC	2	
WILLIAMS	ROBERT BURNS	829 NE 12TH AVE	LW	1	
WILLIAMS	ROBERT G	439 MU GEN DEL U STA	UC	2	
WILLIAMS	ROBERT MERLE	GEO SEAGLE HALL	UC	2	8913
WILLIAMS	RUBY PULLIAM	COMMUTES JAX	GR	5	
WILLIAMS	THELMA M		ED	4	
WILLIAMS	THOMAS G	70 TH GEN DEL U STA	UC	2	
WILLIAMS	VERNON LEE	672 TO	UC	2	
WILLIAMS	WILLIAM A	419 NW 2ND AVE	UC	2	9080
WILLIAMS	WILLIAM E	306 NE 6TH ST	UC	2	
WILLIAMS	WM FRANKLIN	123 NW 20 TH TER	BA	4	3443
WILLIAMS	WM HENRY		UC	2	
WILLIAMS	WILLIAM R	350 MU PIKA HSE	UC	2	
WILLIAMS	WM WALLACE	120 SD GEN DEL UNIV	AG	3	
WILLIAMSON	CHARLIE F	6 BU GEN DEL UNIV S	PH	4	
WILLIAMSON	DREW JAMES	918 SO	UC	1	
WILLIAMSON	GLENN F		UC	2	
WILLIAMSON	JAMES C	64A TH GEN DEL U STA	EG	3	
WILLIAMSON	JANE	SK HSE	UC	2	9863
WILLIAMSON	JOSEPH P	6 DORM B	UC	2	
WILLIAMSON	RICHARD E	454 MU GEN DEL U STA	JM	3	
WILLIAMSON	RICHARD J	1120 SE 1ST AVE	BA	3	
WILLIFORD	HENRY LEE	36B BU PIKA HSE	AS	3	
WILLIFORD	JOHN HUGO	PIKA HSE	JM	4	9037
WILLINGHAM	JAMES W	313 NW 2ND ST	GR	5	
WILLINGHAM	MELVIN C		UC	1	
WILLINGHAM	OZZIE W	814 NW 11TH AVE	EG	4	
WILLIS	JAMES ROBERT	106F TH BX 3021	BA	4	
WILLIS	JOEL HARRISON	CLO HSE	UC	2	
WILLIS	ORBEN JEANETTE	7 GR	UC	2	
WILLIS	ROBERT B	6 DORM B	UC	2	
WILLIS	ROBERT HAROLD	358 MU SC HSE	LW	2	
WILLIS	ROBERT OLIVER	SAE HSE	FY	3	
WILLS	CLINTON E	WGGG BX 2536	GR	5	

WILLSON ALLAN EDMOND	1432 W UNIV	GR	5	9259
WILLSON GEORGE POTTERSC	HSE	GR	5	
WILSKY HOWARD FRED	136 DESOTO	FY	4	
WILSON BENJ FRANCIS	260 FR GEN DEL U STA	EG	4	
WILSON BRUCE ADAMS	230T FLAVET 3	UC	2	
WILSON CECIL LEON	MU GFN DEL U STA	EG	3	
WILSON CHARLES MELVINRT	3 BX 95A	UC	2	
WILSON CLARENCE M JR	96Z FLAVET 1	GR	5	
WILSON DAWSON SAMEL	PDT HSE	UC	2	
WILSON DENNIS FRANCIS	216 SW 1ST ST	UC	2	
WILSON DWIGHT HAYDEN	1118 SW 5TH AVE	UC	2	
WILSON DWIGHT R	700 WE	UC	1	
WILSON DWIGHT WOODROW	503 NE 1ST ST	UC	2	
WILSON ETHYL MARTIN	COMMUTES JAX	GR	5	
WILSON FAYE YVONNE	45 MA	UC	1	
WILSON FRANCIS LORNE	1002 UNIV	AG	4	
WILSON GERALD PAUL	857 SO	UC	1	
WILSON GILBERT M	1118 SW 5TH ST	UC	2	
WILSON GLENN A	COMMUTES MELROSE	GR	5	2341
WILSON HALLE LEO	362 MU GEN DEL U STA	UC	2	
WILSON JAMES EUGENE	UNIV COLLEGE	UC	2	
WILSON JOHN BARNEY	BX 2227	AS	3	3352
WILSON JOHN TREVETTE	353 MU BX 2371	UC	2	
WILSON JULIAN L	SEAGLE HALL BX 2399	ED	4	
WILSON KEITH ALPHEUS	318 N MAIN ST	GR	5	
WILSON LELAND DAVE	285 FR BX 2182	BA	4	
WILSON LILLIAN F	94 YU	UC	1	
WILSON MAC ARTHUR	131 SD BX 3054	UC	2	
WILSON MILDRED P	LAKE RD TR CT	UC	1	9293
WILSON PETER CHRYSLERSN	HSE	UC	2	
WILSON RICHARD J	921 W UNIV	AS	4	
WILSON ROBERT EMMERT	17 NW 17TH ST	UC	2	
WILSON ROLAND AUSTIN	HOTEL THOMAS	UC	2	
WILSON ROY HAROLD JR	903 W UNIV AVE	BA	3	7531
WILSON ROY LEE	COMMUTES ST AUG	GR	5	
WILSON SANTFORD R JR	LAKE RD TR PK	GR	5	
WILSON STEPHEN K	19 NW 12TH TERR	UC	2	5436
WILSON VIOLA RETTA	209 RI	UC	1	
WILSON WAYNE BLANTON	446 MU GEN DEL U STA	BA	4	
WILSON WESLEY ALLEN	725 TO	UC	1	
WILTSHIRE JAMES D	502 MU BX 2268	UC	2	
WINBURN ALBERT JAMES		UC	2	
WINBURN OVIL A JR	GEN DEL U STA	UC	1	
WINCHESTER JAMES A	1432 W UNIV	AG	3	529
WINDECKER LOUIS E	17 DORM C GEN DEL U	UC	2	
WINDERWEEDLE JAMES E	891 2ND AVE SW	EG	3	
WINDHAM JAMES E III	403 SW 10TH ST	AR	4	
WINDRAM THOMAS JOHN	WEST CYPRESS ATO HSE	UC	2	
WINEMILLER WM EDGAR	COMMUTES	UC	2	
WINFREE JULES	311 FR BX 2543	AG	3	
WING JAMES EDWARD JR				
WING ROBERT EARLE	15 NE 14TH ST	GR	5	
WING WILLIAM CLAY	GEN DEL U STA	UC	2	
WINGFIELD ARCHIE S	815 NO	UC	1	
WINKLER GEORGE A	1623 N W 1ST AVE	UC	1	
WINN NEWTON ALFRED	SPE HSE	LW	1	
WINN SHIRLEY JEAN	113 YU	UC	1	
WINTE JEROME ERIC	357 MU BX 2213	BA	3	
WINTER KENNETH S	589 SO	UC	2	
WINTER WILBERT CARLETKA	HSE	BA	3	8883
WINTERS HAROLD H	2008 FLAVET 3	BA	4	
WINTERSDORF WILLIAM	437 MU	LW	1	
WINTTER JOHN ERNEST	204U FLAVET 3	GR	5	
WINTZ WILLIAM HOWARD	669 TO	UC	1	
WIRTALA AHTI ALLAN	917 NW 9TH AVE	PH	4	8619
WISE BYRON HOOPER	114 NW 20TH TER	GR	5	4153
WISE HURDIS EARL	360 MU BX 2509	EG	4	
WISE KENNETH	LINGER LONGER TR PK	GR	5	
WISE ROBERT CHAPPELL	20 DORM O GEN DEL U	UC	2	
WISE SARAH EDITH	302 SE 6TH ST	UC	1	7704
WISSMAN LEONARD A	89X FLAVET 1	PE	4	
WITHERINGTON CHAS G	407 MU SC HSE	AG	4	
WITHERSPOON HENRY B	COMMUTES MELROSE	UC	2	
WITT ALBERT A	117 NW 15TH ST	PH	4	6203
WITT DONALD WM	1124 NW 1ST PL	GR	5	

WITTEN PAUL JEROME	954 WE	UC	1		
WITTENSTEIN SHELDON	141 SD BX 2217	BA	4		
WITTMAN RAYMOND	116 NW 16TH ST	EG	4	6868	
WOEHLE FRITZ	DTD HSE	AR	4		
WOEHLE RICHARD	171 FLAVET 2	EG	4		
WOERPEL LOIS CAROL	214 NW 14TH ST	ED	3	6558	
WOFFORD CHARLES W	169 SD BX 2568	BA	4		
WOFFORD IRWIN MERLE	314 S MAIN ST	GR	5	6050	
WOFFORD WILLIAM ROSS	324 FR SC HSE	BA	4		
WOHL HAROLD	926 W UNIV AVE	UC	2		
WOHL MICHAEL FRANK	275 FR GEN DEL UNIV	UC	2		
WOITKE EDWARD KEVIN	SAE HSE	UC	2	4513	
WOLAR WILLIAM	490 MU GEN DEL UNIV	UC	2		
WOLFE DONALD MCGREGOR	425 MU DTD HSE	ED	3		
WOLFE JOE EARLE	797 NO	UC	1		
WOLFF FLORABEL H	924 SW 7TH AVE	GR	5		
WOLFF LOUIS	164 SD BX 2393	AR	4		
WOLFMAN ERNEST	275 FR	AR	3		
WOLFORTH JOHN BAILEY	937 SO	UC	1		
WOLFSON ALBERT IRVING	1615 NW 3RD AVE	UC	2		
WOLFSON RICHARD S	ZBT HSE BX 2656	LW	1	7693	
WOLLAM ALVAH EARLE	115 NW 10TH ST	EG	3	9222	
WOLPERT MICHAEL J	SAE HSE	ED	4	5903	
WOOD CARL HARVEY	1621 NW 3RD PL	PE	3		
WOOD CHARLES ROBERT	717 N E 3RD ST	UC	2	9508	
WOOD CLARENCE MEIGHAN	256 FR BXX2401	LW	3		
WOOD EDMUND LORIN	14 DORM O GEN DEL	BA	3		
WOOD EDWARD LLOYD	113N 13TH ST	GR	5		
WOOD HARRISON B JR	204 NW 17TH ST	EG	4		
WOOD JAMES DONALD	BX 2232 U STA 162	SUC	2		
WOOD JAMES ROBERT	SPE HSE	EG	3	5903	
WOOD JAMES WM	117 NW 15TH ST	UC	1		
WOOD JOSEPH GLADSTONE	36B BU GEN DEL U STA	AG	4		
WOOD LESLIE BROOKS JR	42L FLAVET 1	BA	4	7856	
WOOD MICHAEL JOSEPH	10D FLAVET 1	AS	3		
WOOD MILDRED M	1419 NW 1ST AVE	ED	4		
WOOD MILTON JAMES	169 FLAVET 2	EG	3		
WOOD NORBERT ANTHONY	12 DORM A GEN DEL U	UC	2		
WOOD NORMAN BELL	PDT HSE	UC	2		
WOOD PAUL ALAN	210 NW 15TH TER	GR	5		
WOOD RICHARD GEORGE	225 SW 3RD AVE	UC	2		
WOOD ROY GLENN	COMMUTES HOMESTEAD	GR	5		
WOOD SAMUEL KENNETH	117 NW 15TH ST	UC	2		
WOOD SIDNEY CLARK	215U FLAVET 3	LW	3		
WOOD VERNON BENJ	PARIDISE TR PK BS 96	UC	2	9162	
WOOD WM FRANCIS	467 MU KS HSE	FY	3		
WOOD WILLIAM LAWRENCE	DC HSE	UC	2	7429	
WOOD WILLIAM O	749 NO	UC	1		
WOOD YVONNE L	204 NW 17TH ST	AS	4		
WOODALL GRACE ELIZ	321 SW 13TH ST	LW	1		
WOODALL JOS COLUMBUS	2055 N W 3RD AVE	AR	4		
WOODALL ROSALIE C	321 SW 13TH ST	ED	6		
WOODARD CLARENCE V	249D FLAVET 3	UC	2		
WOODARD JAMES MONROE	1002 W UNIV	EG	4	2601	
WOODBERRY JOSEPH W	342 MU GEN DEL U STA	UC	2		
WOODHAM MARY ANNE	SK HSE	AS	3	9863	
WOODHAM TULLIS JOS JR	KS HSE	BA	4	8424	
WOODLEY COVINGTON M	RT 3 BX 284WK	GR	5		
WOODROW EMMALINE L	236 SW 2ND ST	UC	2	5526	
WOODRUFF RICHARD SETH	PDT HSE	UC	2		
WOODS BETTY JO ANN	25 MA	UC	1		
WOODS HERNANDO J	254C FLAVET 3	GR	5		
WOODS MARION BASKIN	254 C FLAVET 3	GR	5		
WOODS PEGGY JEAN	RT 4 BX 43	UC	1	7069	
WOODWARD CHARLES E	35K FLAVET 1	BA	4		
WOODWARD DICKSON S	KA HSE 44 BU	BA	4		
WOODWARD EUGENE B	812 NO	UC	1		
WOODWARD WM DAVIS	44 BU KA HSE	GR	5		
WOOLARD CHARLES C JR	41B FR GEN DEL U STA	UC	2		
WOOLEY ORBIE PHILLIP	6 DORM M BX 2481	UC	1		
WOOLLEY HUGH HENRY	COMMUTES GRACEVILLE	GR	5		
WOOTEN CHARLES HENRY	199 SD GEN DEL U STA	UC	2		
WOOTEN HARDY WARD	BX 2903	UC	2		
WORD MILDRED ANN	260 RI	UC	2		
WORDEN HAROLD CHESTER	705 TO	UC	1		

WORN EMMALEE	204 NW 18TH ST	GR	5	6344
WORSHAM HUBERT L	306 NE 5TH AVE	ED	6	
WORSHAM RAYMOND E	WE 994	UC	1	
WOTITZKY LEO	1826 W UNIV	LW	1	
WRAY GEORGE EDWARD	246T FLAVET 3	BA	4	
WRAY PEGGY ANN	245 RI	UC	2	
WRIGHT CARL FRANKLIN	COMMUTES HIGH SPRING	UC	2	
WRIGHT CHESTER F JR	410 MU BX 2489	UC	2	
WRIGHT CLIFFORD WM	670 TO	UC	1	
WRIGHT CLINTON F	SAE HSE	UC	2	
WRIGHT DONALD H	671 TO	UC	1	
WRIGHT GEORGE WALKER	CP HSE	LW	3	8783
WRIGHT JAMES B	76A TH BX 2148	UC	2	9191
WRIGHT JERALD DEAN		UC	2	
WRIGHT JETTIE A JR	SECT J MU	UC	1	
WRIGHT JOE	480 MU GEN DEL U STA	UC	2	
WRIGHT JOHN HAMILTON	SAE HSE	EG	4	
WRIGHT MAHLON LEWIS	206D FLAVET 3	GR	5	
WRIGHT MYLES CLINTON	79B TH GEN DEL U STA	UC	2	
WRIGHT PAUL THOMAS	683 TO	UC	1	
WRIGHT RUBYE MCINTUSH	COMMUTES OCALA	GR	5	
WRIGHT WM BENJAMIN	170 FLAVET 2	AR	4	
WRIGHT WILSON WALKER	12 BU BX 3084	BA	3	
WUCHER IRWIN	895 SO	UC	1	
WUNDERLICH RAY CHAS	35A BU BX 2108	AS	4	
WUTHRICH ZACK ALLEN	4 DORM A GEN DEL U SU	C	2	
WYATT MADIE DUTTON	1722 NW 2ND ST	AS	3	
WYATT JOHN WALTON	1722 NW 2ND AVE	GR	5	
WYCHE BENJ GUIGNARD	136 DESOTO SAE HSE	AG	3	
WYCHE WARING JR	160 SD GEN DEL U STA	BA	3	
WYLY THEODORE DAWSON	26 BU BX 2388	AS	4	
WYNN DOROTHY L	115 NW 16TH ST	GR	5	6687
WYNN LILA MAE	911 SE 4TH ST	AS	3	4320
WYNNE JAMES RICHARD	500 MU SAE HSE	EG	4	
WYNROTH ALAN BRUCE	13 DORM A BX 551	AS	3	
WYNROTH LLOYD	13 DORM A BX 2172	AS	3	
WYSOCKI THEODORE	TH 103	UC	2	

Y

YADO JESUS III	SD BX 2259	BA	3	
YAGODA BARBARA F	28 MA	UC	1	
YALCH JOHN PAUL	387 MU GEN DEL U STA	AS	3	
YANCEY JAMES L	1420 NW 1ST AVE	UC	2	
YANKE ALVIN	1624 NW 2ND AVE	UC	2	9259
YARBROUGH CHARLES RAYKA	HSE	AR	3	8883
YARBROUGH HARRY COLE	208U FLAVET 3	BA	4	
YARBROUGH JOHN LEON	13 DORM S	UC	1	
YARBROUGH ORIN SMITH	1613 NW 2ND AVE	BA	4	
YAWN THERON A	COMMUTES STARKE	LW	3	
YEARGIN BETTY ANN	183 YU	UC	1	
YEATS ROBERT S JR	312 NW 15TH ST	AS	3	5359
YELVINGTON JAMES R	203B FLAVET 3	GR	5	
YERGEY DAVID ARTHUR	17A DORM GEN DEL U SU	C	2	
YOCUM E PHELPS JR	116 SD BX 2907	AG	3	
YOCUM HORACE M	336 MU BX 2907	UC	2	
YONGE LAURIE W	777 NO	UC	1	
YONGUE LEIGHTON T	GEN DEL U STA	UC	2	
YONKER CARL C		LW	1	
YORK MARION EUGENE	1041 WE	UC	1	
YORK RONALD FRANCIS	152 SD DTD HSE	UC	2	
YOUNG BETTY NELL	DDD HSE	UC	2	8603
YOUNG FRANCES JOYCE	1220 SW 1ST AVE	UC	1	4017
YOUNG GORDON E	COMMUTES TARPON SPRS	GR	5	
YOUNG JAMES CLARENCE	217 SW 2ND ST	UC	2	3483
YOUNG JOHN WILLIAM	7115 SW 13TH ST	GR	5	3089
YOUNG MARYANNE B	234C FLAVET 3	GR	5	
YOUNG RICHARD BRUCE	39A BU GEN DEL U STA	UC	2	
YOUNG RICHARD L	GEN DEL U STA 167 SD	UC	2	
YOUNG ROBERT JAMES	234C FLAVET 3	AS	3	
YOUNG ROBERT LEONARD	1220 SW 1ST AVE	AS	3	4017
YOUNG SAMMIE RAY	98A TH BX 2577	AS	4	

YOUNG TALMADGE B	STENGEL FIELD	ED	4	
YOUNG VIOLET JUNE		UC	1	
YOUNGBLOOD JAMES G	799 NO	UC	1	
YOUNGBLOOD JAMES M	1001 WE	UC	1	
YOUNGBLOOD LEILA EDNA	COMMUTES TAMPA	GR	5	
YOUNGER AUDREY E	186 YU	UC	1	
YOUNGLOVE THEODORE W	208 NW 14TH ST	UC	2	
YOUTSEY CHARLES OSCAR	234 FR GEN DEL U STA	UC	2	
YULISH STANLEY	TEP HSE	BA	3	8863

Z

ZACCHINI HUGO	5A BU GEN DEL U STA	EG	4	
ZACCHINI RENE ANTHONY	422 MU GEN DEL U STA	AS	4	
ZAJICEK BETTYE	1725 NW 3RD PL	ED	3	7910
ZALLA ALVIN BERNARD	PILP HSE	UC	2	9843
ZAMORA RODOLFO F	65A TH GEN DEL	AG	3	
ZBAR ALLAN LOUIS	301 NW 2ND ST	LW	1	
ZBINDEN CLEM LOUIS	17 DORM I GEN DEL U	UC	2	
ZEARBAUGH NANCY JANE	216 RI	UC	1	
ZEIGLER CLAUDE DAWSON	SAE HSE	UC	2	
ZEIGLER HENRY J	234 UNIV STA	UC	2	
ZEIGLER PATRICIA ANN	53 MA	UC	1	9282
ZEIHER WILLIAM A	PDT HSE	BA	4	
ZEILER MARK CARPENTER	411 NW 15TH ST GEN D	UC	2	
ZELLER DUDLEY B	139 SD GEN DEL	UC	2	
ZELLER LEO BERNARD	2337 DEWKIST ST	AG	3	6055
ZELLNER MILLARD F	123 SD BX 3069	UC	2	
ZELUFF JAMES DAN	1830 NW 2ND AVE	UC	2	
ZESIGER CLAYTON W	COMMUTES DUNNELLON	GR	5	
ZETROUER JEANNETTE	COMMUTES MICANOPY	GR	5	
ZETROUER WALLACE F	RT 2	GR	5	
ZEVIN EUGENE RICHARD		GR	5	
ZIADEH GEORGE JACOB	128 SD BX 2072	UC	2	
ZIEBE ANDREW CHARLES	271 FR GEN DEL U STA	AR	4	
ZIEGLER LOUIS WILLIAM	625 NW 22ND ST	GR	5	7162
ZIEGLER RAYMOND JOHN	202C NW 12TH TERR	GR	5	
ZIEGLER RICHARD DERR	165 SD GEN DEL U STA	UC	2	
ZIKA JOHN JOSEPH	57A TH BXX2171	UC	2	
ZIMMERMAN EUGENE M	GA SEAGLE HALL	AS	4	
ZIMMERMANN G FLOYD		GR	5	
ZIMMERMAN JOAN ALICE	91 YU	UC	1	
ZIMMERMAN PAUL ALLEN	229 NW 16TH AVE	UC	2	5378
ZIPPERER JOHN ORIN JR	620 TO	UC	1	
ZIPPERER KENNETH E	219 FR DTD HSE	AG	4	
ZLOTNITSKY LEONARD	422 SW 1ST ST	UC	2	3709
ZORN WILLIAM CARLTON	AGR HSE	GR	5	
ZUERCHER BETTE JANE	15 SW 3RD AVE	ED	4	
ZWASKA RICHARD ELMER	113 17TH ST	AR	4	

FALL, 1950

Men's Fraternities
24 national – 2 local colonies

Alpha Gamma Rho – 407 SW 13 St. . . . . Tel. 7053
Pres. Doyle Conner

Alpha Tau Omega – 207 SW 13 St. . . . . Tel. 4463
Pres. Ted Prior

Beta Theta Pi – 1225 SW 2 Ave. . . . . Tel. 4131
Pres. Earle Peeples

Chi Phi – 931 W University . . . . . Tel. 8783
Pres. George Wright

Delta Chi – 1227 SW 1st Ave. . . . . .Tel. 7429
Pres. Bob Dion

Delta Tau Delta – 1926 W University . . . . . .Tel. 8033
Pres. Bruce Wagner

Delta Sigma Phi – 1116 SW 2 Ave. . . . . .Tel. 7096
Pres. Richard Jolley

Kappa Alpha – 1500 W University . . . . . .Tel. 8883
Pres. Clarence Nuckols

Kappa Sigma – 19 SW 13 St. . . . . Tel. 8424
Pres. Jim Althouse

Lambda Chi Alpha – 1219 W University . . . . . .Tel. 8663
Pres. Carl Maddox

Phi Delta Theta – 121 SW 13 St. . . . . Tel. 3791
Pres. John Harrison

Phi Gamma Delta – 221 SW 13 St. . . . . .Tel. 8303
Pres. Larry Hoffman

Phi Kappa Tau – 1237 SW 2 Ave. . . . . .Tel. 8623
Pres. G. C. Perdue

Pi Kappa Alpha – 1258 W University . . . . . .Tel. 3976
Pres. Frank Akerman

Pi Kappa Phi – 1247 W University . . . . . Tel. 9107
Pres. Morris Cummings

Pi Lambda Phi – 1826 W University . . . . . .Tel. 9843
Pres. Morty Cohen

Sigma Alpha Epsilon – 13th & W University . . . . . .Tel. 4513
Pres. Bill Henry

Sigma Chi – 1814 W University . . . . . .Tel. 5553
Pres. Lamar Dean

Sigma Nu – 2004 W University . . . . . .Tel. 7353
Pres. Emery Newell

Sigma Phi Epsilon – 1244 W University . . . . . .Tel. 5903
Pres. Clyde Smith

Tau Epsilan Phi – 1105 W University . . . . . .Tel. 8863
Pres. Lukie Ansbacher

Theta Chi – 15 NW 15 St. . . . . .Tel. 4814
Pres. Joel Wells

Zeta Beta Tau – 1204 W University . . . . . .Tel. 7693
Pres. Richard Wolfson

Tau Kappa Epsilon – 1504 W University . . . . . .Tel. 5784
Pres. Frank Bonsey

Alpha Epsilon colony – 1102 NW 3 Ave. . . . . .Tel. 5889
Pres. Wilbert Needleman

Phi Sigma Kappa colony – 1426 W University . . . . . .Tel. 9139
Pres. Robert Summers

Women's Fraternities
11 national

Alpha Chi Omega – 1106 SW 4 Ave. . . . . Tel. 8733
Pres. Helen Grim

Alpha Delta Pi – 1235 SW 1st Ave. . . . . Tel. 8983
Pres. Marjorie Pennington

Alpha Epsilon Phi – 1104 SW 1st Ave. . . . . Tel. 9540
Pres. Rhalda Bressler

Alpha Omicron Pi – Newberry Road . . . . . .Tel. 6563
Pres. Virginia Burchfield

Chi Omega – 1245 SW 1st Ave. . . . . Tel. 8953
Pres. Margaret Richards

Delta Delta Delta – 2148 W University . . . . . .Tel. 8603
Pres. Marilyn Janata

Delta Gamma – 1616 W University . . . . . .Tel. 8780
Pres. Elaine Iskin

Kappa Delta – 1125 SW 3 Ave. . . . . .Tel. 8903
Pres. Joan LeSeuer

Phi Mu – 304 NW 15 St. . . . . .Tel. 9510
Pres. June Atkins

Sigma Kappa – 928 SW 1st Ave. . . . . .Tel. 9863
Pres. Betty Schroeder

Zeta Tau Alpha – 1238 SW 2 Ave. . . . . .Tel. 8933
Pres. Oma Demorest

Student Government
"Big Five" Officers

Mr. Emory Diamond, President of the Student Body
Residence: Flavet II, Apt. 146 . . . . . .Tel. 5538
Business: Student Body Gov't. Office . . . . . .Tel. Ext. 458

Mr. Woody A. Liles, Vice Pres. of the Student Body
Residence: Flavet I, Apt. 55 P . . . . . .Tel. Ext. 581
Business: Student Body Gov't. Office . . . . . .Tel. Ext. 458

Mr. Joe Nesbitt, Secretary-Treasurer of the Student Body
Residence: 868 South Hall
Business: Student Body Gov't. Office . . . . . .Tel. Ext. 458

Mr. Al Gammage, Chancellor of the Honor Court
Residence: 760 North Hall
Business: Honor Court Box . . . . . .Tel. Ext. 258

Mr. Joe Garcia, Clerk of the Honor Court
Residence: Fletcher F, Room 236
Business: Honor Court Box

Religious Organizations – 12

Baptist Student Union – 1604 W University . . . . . .Tel. 4711
Pres. Bill Bennett, University Station

Canterbury Club (Episcopal) – 107 NW 15 Ter. . . . . Tel. 8506
Pres. Rex Farrior, Kappa Alpha house

Christian Science Organization – 420 SW 12 St.. . . . . .Tel. 4384
Pres. Owen Malcolm, 1250 SW 3 Ave.

Gamma Delta (Lutheran) –
Pres. Jerome Winte, Murphree B, Room 357

B'nai B'rith Hillel Foundation (Jewish) – 16 NW 18 St. . . . . Tel. 7901
Pres. Jerry Swartz, Pi Lambda Phi house

Episcopal Student Vestry – 1516 W University . . . . . .Tel. 8506
Pres. William Lillycrop, Sigma Chi house

International Zionist Federation of America – 16 NW 18 St. . . .Tel. 7901
Pres. Arthur Rogers, 1312 W University

Lutheran Student Association
Pres. Kenneth DeGroot, 209 Flavet 111

Newman Club (Catholic) – 1722 W University . . . . . .Tel. 6043
Pres. Joseph Sheehan, Murphree B, Room 416

Student Religious Association – Fla. Union, Rm. 207 –Tel. Ext. 4531
Pres. Rex Farrior, Kappa Alpha house

Wesley Foundation (Methodist) – 1320 W University . . . . . .Tel. 8183
Pres. Priscilla Hampton, 421 NW 15 St. . . . . .Tel. 3607

Westiminster Fellowship (Presbyterian) – 1402 W University . .Tel. 3851
Pres. Jim Walkup, 1402 W University

THE UNIVERSITY RECORD

of the

UNIVERSITY OF FLORIDA

SCHEDULE OF COURSES
FOR
EMPLOYED PUBLIC SCHOOL PERSONNEL

SECOND SEMESTER

1951-52

Vol. XLVI *Series I, No. 12* *December 1, 1951*

Published monthly by the University of Florida, Gainesville, Florida
Entered in the post office in Gainesville, Florida, as second-class matter,
under Act of Congress, August 24, 1912
Office of Publication, Gainesville, Florida

SPECIAL COURSES FOR TEACHERS SECOND SEMESTER 1951-52

The courses listed in this bulletin are those scheduled in late afternoon, evening or Saturday morning, that are of special interest to school personnel.

Any person expecting to enroll for these courses, whether or not they have previously enrolled in the University of Florida, should file a preliminary application in order that the registration materials may be prepared in advance and thus reduce to a minimum delays in completing registration.

If the preliminary application is received prior to January 31, an appointment card will be immediately sent that will permit registration on the morning of Saturday, February 9. Completion of registration for one of these courses on that day (February 9) can be effected for a registration fee of $20.00. Provisions will be made to accept registrations between 5 and 7:30 P.M., Monday through Friday (February 11 through 15) and the morning of Saturday (February 16) for a registration fee of $25.00. If after completion of registration a student desires to change courses, this change may be effected during the hours given above in the period February 11 through 16. No registration will start after 10:30 A.M. on Saturday morning (February 9 or 16).

Dept.	Course	Sec.	Cred.	Days	Hours	Bldg.	Room	Instructor	Course Title
C	42	30	3	S	9:40 - 12:30	PE	10		Fundamental Mathematics

BUSINESS EDUCATION

Dept.	Course	Sec.	Cred.	Days	Hours	Bldg.	Room	Instructor	Course Title
BEN	563		3	M	7:00 - 9:30 PM	YN	305	Moorman, J. H.	Teaching Bookkeeping and Consumer Business Subjects
BEN	585		3	Th	7:00 - 9:30 PM	YN	305	Moorman, J. H.	Problems in Business Education

EDUCATION

Dept.	Course	Sec.	Cred.	Days	Hours	Bldg.	Room	Instructor	Course Title
EN	305		3	S	9:40 - 12:30	YN	138	Lewis, H. G.	Development and Organization of Education
EN	316		3	Th	3:40 - 6:30	YN	316		Elementary Quantitative Methods in Education and Psychology
EN	317		3	S	9:40 - 12:30	YN	316	Hines, V.	Measurement and Evaluation of School Practices
EN	403		3	T	3:40 - 6:30	YN	228	Bamberger, F.	Philosophy of Education
EN	418		3	M	7:00 - 9:30 PM	YN	228	Alexander, V. A.	Audio-Visual Materials
EN	500		0	S	9:40 - 12:30	YN	232	Bamberger, F.	Research and Thesis Writing
EN	507		3	Th	7:00 - 9:30 PM	YN	316	McLendon, I. R.	Advanced Educational Psychology
EN	510		3	T	7:00 - 9:30 PM	YN	138	Norman, J. W.	History of Education
EN	515		3	M	7:00 - 9:30 PM	YN	316		Mental Health in the Classroom
EN	517		3	F	3:40 - 6:30	YN	236	Hines, V.	Educational Statistics
EN	518		3	F	3:40 - 6:30	YN	140	Leps, J. M.	Organization and Administration of Secondary Schools
EN	520		3	T	1:40 - 4:30	YN	132	Olson, C.	Laboratory Workshop in Curriculum Development
EN	521		3	Th	7:00 - 9:30 PM	YN	140	Johns, R. L.	Public School Finance

EDUCATION—Continued

Dept.	Course	Sec.	Cred.	Days	Hours	Bldg.	Room	Instructor	Course Title
EN	527		3	T	7:00 - 9:30 PM	YN	232	Wattenbarger, J.L.	Secondary School Curriculum
EN	536		3	M	7:00 - 9:30 PM	YN	236	Wiles, K. Wofford, K.	Methods and Problems in Educational Supervision
EN	540	1	3	S	9:40 - 12:30	YN	134	Cox, D. W.	Socio-Economic Foundations of Education
EN	541		3	Th	7:00 - 9:30 PM	YN	236	Cumbee, C. F.	Problems in Educational Psychology
EN	544		3	T	7:00 - 9:30 PM	YN	134	Leps, J. M.	Legal Phases of Public School Administration
EN	547		3	M	7:00 - 9:30 PM	YN	140	Hilliard, P.	Problems in Elementary Education
EN	562		3	Th	7:00 - 9:30 PM	YN	232	Stripling, R. O.	Principles of Pupil Guidance
EN	563		3	T	3:40 - 6:30	YN	236	Foster, C. R.	Techniques in Guidance and Counseling
EN	566		3	S	9:40 - 12:30	YN	150	Garris, E. W.	Problems in Agricultural Education
EN	573		3	M	7:00 - 9:30 PM	YN	150	Garris, E. W.	Supervision of Vocational Education
EN	576		3	S	9:40 - 12:30	AN	306	Spache, G. D.	Laboratory in Corrective Reading
EN	577		3	T	7:00 - 9:30 PM	AN	306	Spache, G. D.	Problems in Reading
EN	583		3	Th	7:00 - 9:30 PM	YN	138	Bode, B. H.	Theories of Mind
EN	588		3	Th	7:00 - 9:30 PM	YN	228		Language Arts in the Elementary School
EN	602		3	F	3:40 - 6:30	YN	134	Johns, R. L.	The School Plant
EN	607		3	M	7:00 - 9:30 PM	YN	138	Simmons, G. B.	Administration of Teacher Personnel
EN	609		3	S	9:40 - 12:30	YN	236	Henderson, L. N.	The Administration of Junior Colleges
EN	613		3	S	9:40 - 12:30	YN	140	Norman, J. W.	Contemporary Educational Theories
EN	675		3	Th	7:00 - 9:30 PM	YN	134	Olson, C. M.	The Core Program in the Secondary School
EN	685		3	M	7:00 - 9:30 PM	YN	232	Henderson, L. N.	Seminar in General Education for Colleges

ENGLISH

Dept.	Course	Sec.	Cred.	Days	Hours	Bldg.	Room	Instructor	Course Title
EH	301		3	F	7:00 - 9:30 PM	AN	212	Herbert, T. W.	Shakespeare
EH	306		3	T	7:00 - 9:30 PM	AN	210	Cox, E. H.	Modern English Grammar
EH	391		3	S	9:40 - 12:30	AN	212	Boone, L. P.	Children's Literature
EH	401		3	M	7:00 - 9:30 PM	AN	212	Fain, J. T.	American Literature

POLITICAL SCIENCE

Dept.	Course	Sec.	Cred.	Days	Hours	Bldg.	Room	Instructor	Course Title
PCL	302	3	3	M	7:30 - 10:00 PM	PE	202	Fuquay, R.	American State and Local Government
PCL	310	2	3	T	7:30 - 10:00 PM	PE	107	Wolff, G. E.	International Relations

SCHOOL ART

Dept.	Course	Sec.	Cred.	Days	Hours	Bldg.	Room	Instructor	Course Title
SCA	253		3	M	7:00 - 9:30 PM	YN	28	Mitchell, J. O.	General Art for the Elementary Grades
SCA	334		3	Th	7:00 - 9:30 PM	YN	28	Mitchell, J. O.	School Art Design

SOCIAL STUDIES

Dept.	Course	Sec.	Cred.	Days	Hours	Bldg.	Room	Instructor	Course Title
SCL	302		3	S	9:40 - 12:30	YN	228	Brown, L.	Children's Social Studies

SPEECH

Dept.	Course	Sec.	Cred.	Days	Hours	Bldg.	Room	Instructor	Course Title
SCH	320		3	M	7:00 - 9:30 PM	AD	331	McClellan, M.	Speech Activities in the School

HISTORY

Dept.	Course	Sec.	Cred.	Days	Hours	Bldg.	Room	Instructor	Course Title
HY	202	1	3	M	7:30 - 10:00 PM	PE	114	Payne, A. N.	History of World Civilization Since 1650
HY	246	3	3	Th	7:30 - 10:00 PM	PE	114	Thompson, A. W.	United States History Since 1865
HY	352	2	3	S	9:40 - 12:30	PE	202	Patrick, R. W.	Florida History Since 1860

INDUSTRIAL ARTS EDUCATION

Dept.	Course	Sec.	Cred.	Days	Hours	Bldg.	Room	Instructor	Course Title
IN	524		3	Th	7:00 - 9:30 PM	YN	302	Williams, W. R.	Problems in Industrial Arts and Vocational Education
IN	534		3	T	7:00 - 9:30 PM	YN	304	Meyer, H. K.	Handicrafts Seminar

LIBRARY SCIENCE

Dept.	Course	Sec.	Cred.	Days	Hours	Bldg.	Room	Instructor	Course Title
LY	301		3	Th	7:00 - 10:00 PM	LI	454	Prince, V. C.	Introduction to Library Materials
LY	304		3	M	7:00 - 10:00 PM	LI	454		Organization of Library Materials

MATHEMATICS

Dept.	Course	Sec.	Cred.	Days	Hours	Bldg.	Room	Instructor	Course Title
MS	225		3	S	9:40 - 12:30	PE	11	Lewis, H. K.	Arithmetic for Teachers

MUSIC

Dept.	Course	Sec.	Cred.	Days	Hours	Bldg.	Room	Instructor	Course Title
MSC	161		3	S	9:40 - 12:30	R	201	Paul, Ouida Fay	Music for the Elementary Grades
MSC	364		3	S	9:40 - 12:30	R	103	Schmidt, Doris	Projects and Problems in Music Education